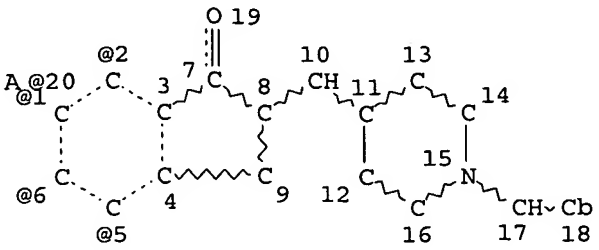
WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Tuesday, January 22, 2008

Hide?	Set Name	Query	Hit Count
		DB=USPT; PLUR=YES; OP=ADJ	
☐	L1	546/206.ccls. and (inden$7 or indan$7)	152

END OF SEARCH HISTORY



VPA 20-2/1/5/6 U
ENTER (DIS), GRA, NOD, BON OR ?:end
L2 STRUCTURE CREATED

=> s l2
SAMPLE SEARCH INITIATED 12:52:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2623 TO ITERATE

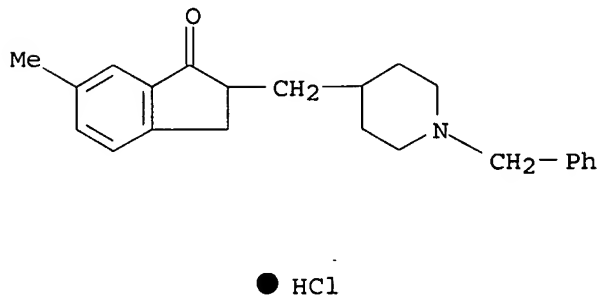
76.2% PROCESSED 2000 ITERATIONS 6 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 49388 TO 55532
PROJECTED ANSWERS: 6 TO 325

L3 6 SEA SSS SAM L2

=> d scan

L3 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 1H-Inden-1-one, 2,3-dihydro-6-methyl-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI)
MF C23 H27 N O . Cl H

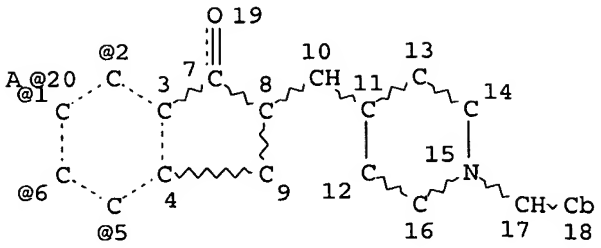


● HCl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d l2
L2 HAS NO ANSWERS
L2 STR



VPA 20-2/1/5/6 U
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 1 11
NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

=> s l2 ful
FULL SEARCH INITIATED 12:53:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 52471 TO ITERATE

100.0% PROCESSED 52471 ITERATIONS 357 ANSWERS
SEARCH TIME: 00.00.02

L4 357 SEA SSS FUL L2

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	181.58	181.79

FILE 'CAPLUS' ENTERED AT 12:53:49 ON 14 JAN 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 14 Jan 2008 VOL 148 ISS 3
FILE LAST UPDATED: 13 Jan 2008 (20080113/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

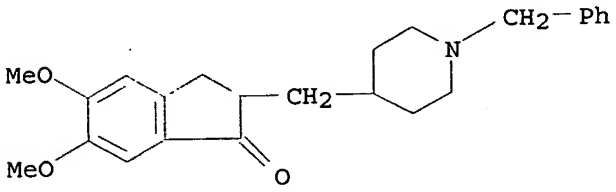
=> s l4
L5 1207 L4

```
=> s l5 and py<2002
      21937378 PY<2002
L6          294 L5 AND PY<2002

=> s l6 and us/pc
       1757802 US/PC
L7           54 L6 AND US/PC
```

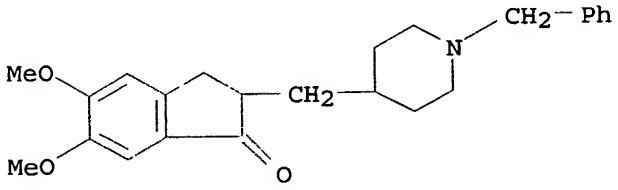
=> d hitstr 45

L7 ANSWER 45 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); MSC (Miscellaneous); PEP (Physical, engineering or chemical process); PRP (Properties); BIOL (Biological study); PROC (Process)
(method for inferring protein functions with the use of ligand data base)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



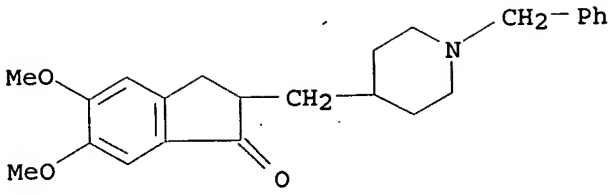
=> d hitstr 44

L7 ANSWER 44 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phanquinone and other agents for the treatment of Alzheimer's disease)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



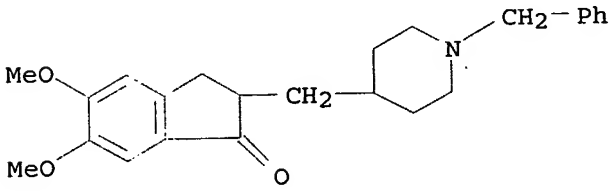
=> d hitstr 43

L7 ANSWER 43 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(methods for increasing apoE levels for neurodegenerative disease treatment)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



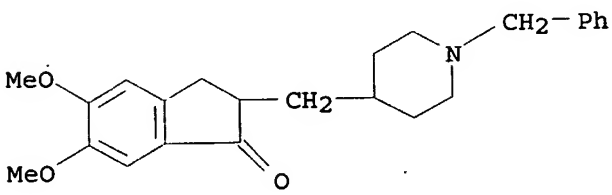
=> d hitstr 42

L7 ANSWER 42 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combination of tetrahydropyridins and acetylcholinesterase inhibiting agents for treating senile dementia such as Alzheimer)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 41

L7 ANSWER 41 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: PRP (Properties)
(donepezil polycrystals and process for producing the same)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

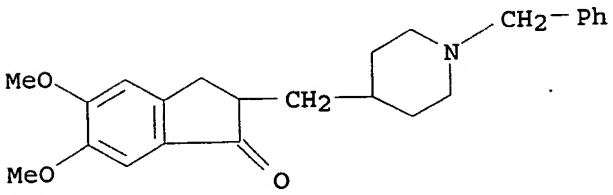


=> d hitstr 40

L7 ANSWER 40 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3P, Donepezil hydrochloride 120014-06-4P, Donepezil

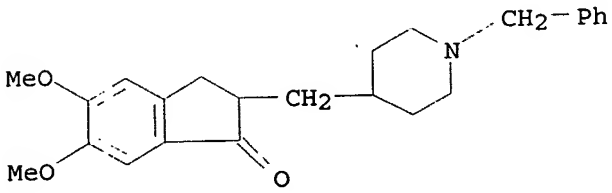
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of donepezil derivative from indanone derivative via catalytic hydrogenation of N-benzyl(oxoindanylmethyl)pyridinium halide)

RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

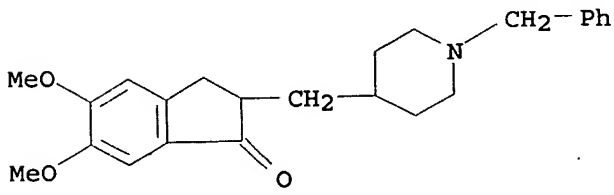
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 39

L7 ANSWER 39 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Donepezil hydrochloride
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(idebenone in combination with acetylcholinesterase inhibitor for treatment of Alzheimer's disease)

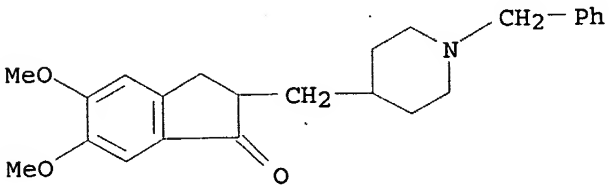
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

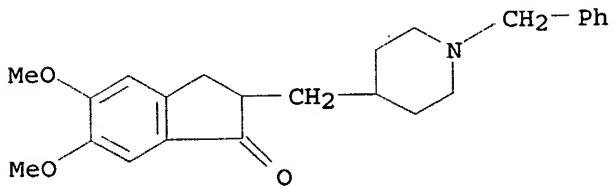
=> d hitstr 38

L7 ANSWER 38 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Donepezil hydrochloride 120014-06-4, Donepezil
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(percutaneous prepns. and suppositories containing antidementia drug and absorption promoters)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



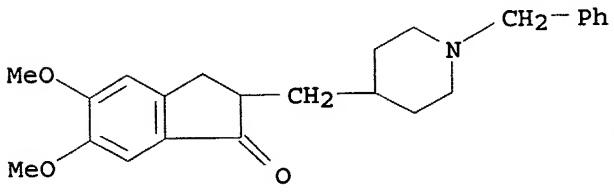
● HCl

RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



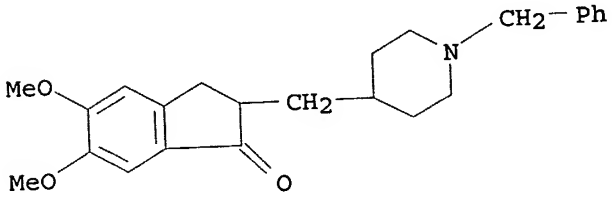
=> d hitstr 37

L7 ANSWER 37 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(methods for treating neuropsychiatric disorders)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 36

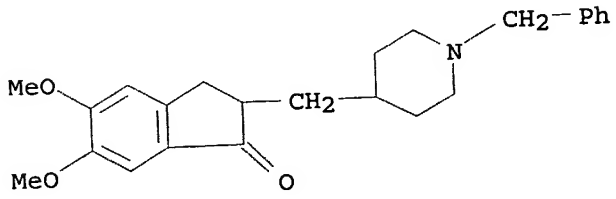
L7 ANSWER 36 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3P, Donepezil hydrochloride
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(isomorphs; preparation of stable polymorphs of donepezil hydrochloride)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

=> d hitstr 35

L7 ANSWER 35 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Donepezil hydrochloride
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(arylaroylbenzothiophene derivative and optional acetylcholinesterase inhibitor for increasing levels of acetylcholine)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



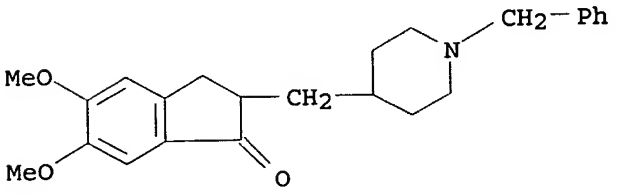
● HCl

=> d hitstr 34

L7 ANSWER 34 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Donepezil hydrochloride
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES

(Uses)
(neurotransmitter release enhancer-acetylcholinesterase inhibitor combination for treating neurol. disorders)

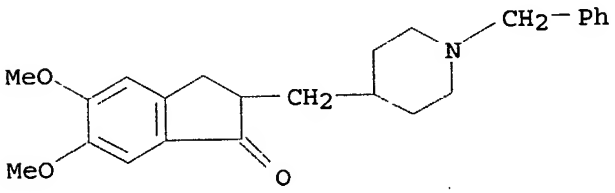
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

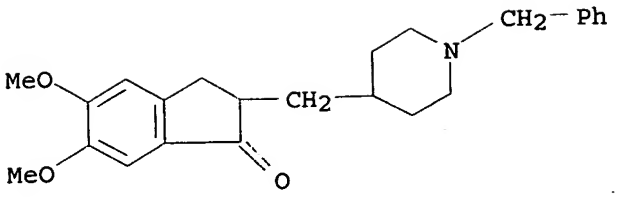
=> d hitstr 33

L7 ANSWER 33 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4P, Donepezil
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of donepezil and related compds.)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 32

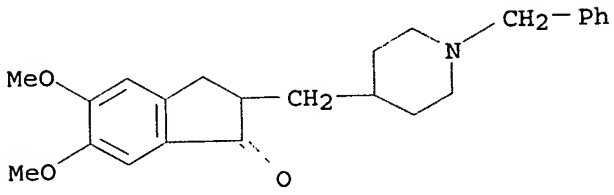
L7 ANSWER 32 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Aricept
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(Aricept or other cholinesterase inhibitor or cholinergic agonist and selective COX-2 inhibitor for neurodegenerative disease treatment)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

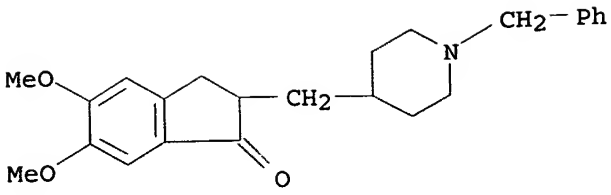
=> d hitstr 31

L7 ANSWER 31 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceutical composition containing tarcine for treatment of neurol.. diseases)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



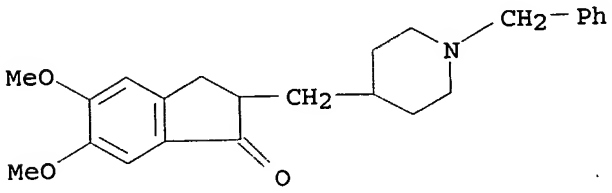
=> d hitstr 30

L7 ANSWER 30 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Donepezil hydrochloride 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(acetylcholinesterase inhibitors for pharmaceutical compns. for treatment of functional and/or organic pain syndromes)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



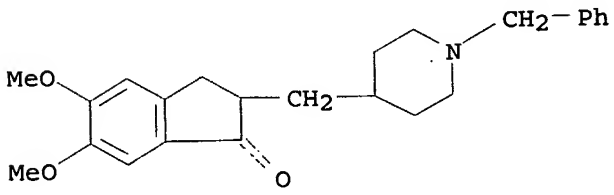
● HCl

RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

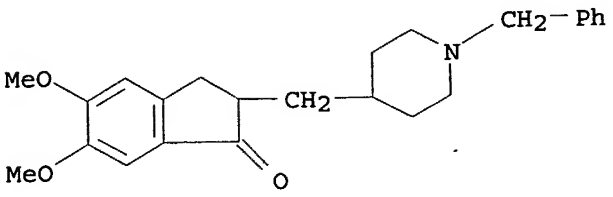


=> d hitstr 29

L7 ANSWER 29 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(acetylcholinesterase-inhibiting amines for improving bladder vesical excretory strength)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



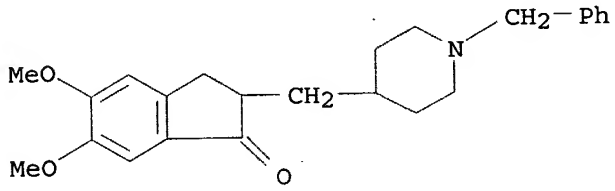
IT 120011-70-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(acetylcholinesterase-inhibiting amines for improving bladder vesical excretory strength)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



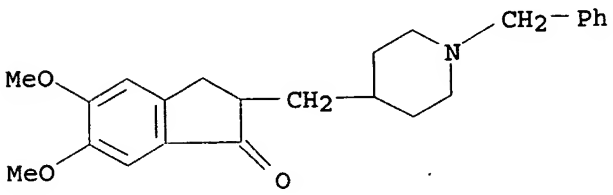
● HCl

=> d hitstr 28

L7 ANSWER 28 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceutical compns. and methods for improved delivery of hydrophobic therapeutic agents)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

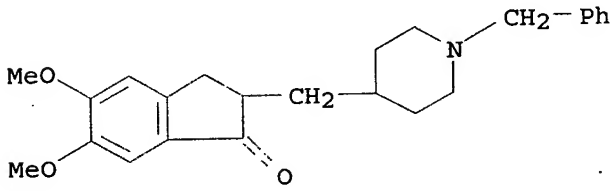


L7 ANSWER 11 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(modified-release formulations containing hypnotic agent)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 10

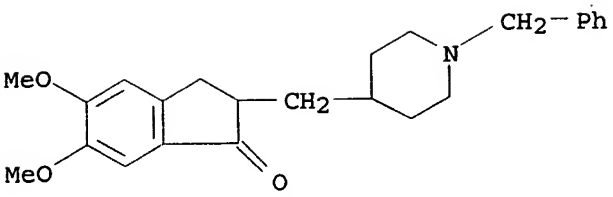
L7 ANSWER 10 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Aricept
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(nicotine receptor partial agonist, cholinesterase inhibitor, and estrogenic agent composition for treatment of diseases of cognitive dysfunction in a mammal)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

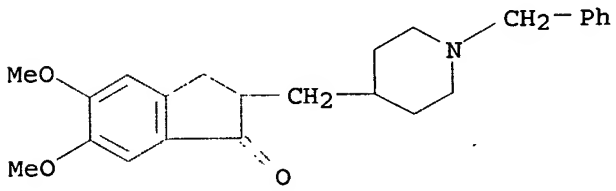
=> d hitstr 9

L7 ANSWER 9 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(benzene compds. in combination therapy for diabetes and diabetes-related disorders)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



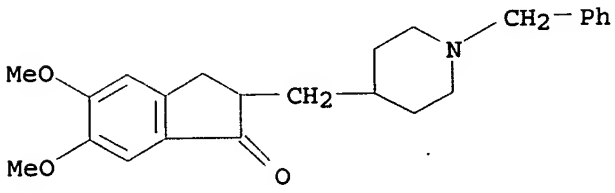
=> d hitstr 8

L7 ANSWER 8 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(methods and compns. for enhancing cellular function through protection of tissue components such as muscarinic receptors by administering pyrophosphate analogs and combination with other agents)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 7

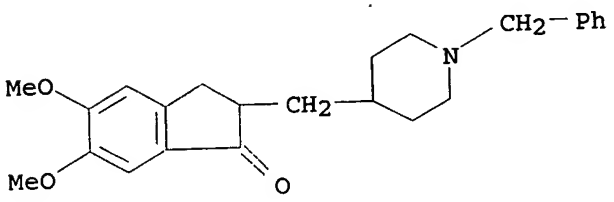
L7 ANSWER 7 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Donepezil hydrochloride
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(dialkylaminoalkoxy group-substituted triphenylethylene cognition enhancer formulations containing)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

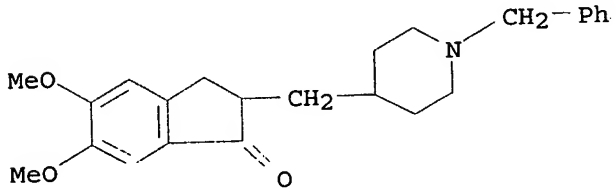
=> d hitstr 6

L7 ANSWER 6 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3, Aricept 120014-06-4, Donepezil
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(treatment and modification of behavior with drugs and elimination of undesired habits)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



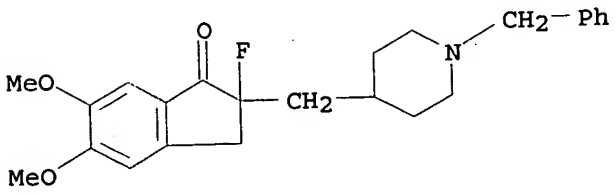
● HCl

RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



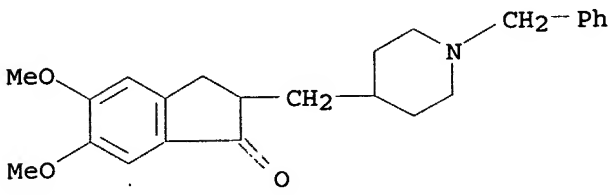
=> d hitstr 5

L7 ANSWER 5 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 307307-69-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(Preparation of 4-substituted-piperidine compds. having acetyl cholinesterase inhibitory activity and useful as anti-Alzheimer agents)
RN 307307-69-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



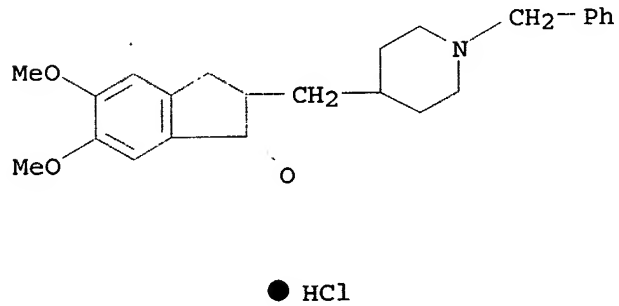
=> d hitstr 4

L7 ANSWER 4 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(behavior chemotherapy for prevention of Alzheimer's disease)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



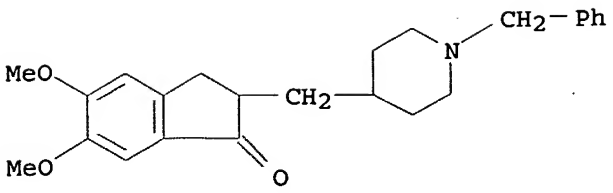
=> d hitstr 3

L7 ANSWER 3 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120011-70-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(agents and crystals for improving excretory potency of urinary bladder with acetylcholinesterase-inhibiting action)
RN 120011-70-3 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



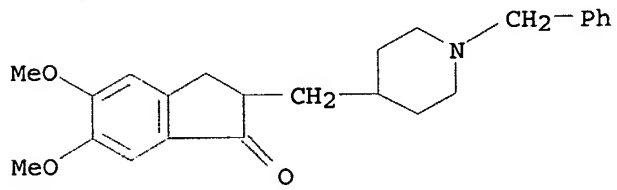
=> d hitstr 2

L7 ANSWER 2 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(transdermal and topical administration of drugs for treatment of alzheimer's disease using basic enhancers)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



=> d hitstr 1

L7 ANSWER 1 OF 54 CAPLUS COPYRIGHT 2008 ACS on STN
IT 120014-06-4, Donepezil
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(buccal sprays or capsule containing drugs for treating disorders of central nervous system)
RN 120014-06-4 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:591005 CAPLUS
DN 139:149530
TI Preparation of 2-(4-piperidinylalkyl)-1-indanone derivatives as sigma receptor binders
IN Iimura, Yoichi; Kosasa, Takashi; Yamanishi, Yoshiharu
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003061658	A1	20030731	WO 2003-JP553	20030122 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1468684	A1	20041020	EP 2003-701147	20030122
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2005107432	A1	20050519	US 2005-500750	20050103
PRAI	JP 2002-13362	A	20020122		
	JP 2002-13421	A	20020122		
	WO 2003-JP553	W	20030122		

OS MARPAT 139:149530
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> s l19
L20         60 L19

=> s l20 not l15
L21         59 L20 NOT L15

=> d bib hitstr 1-59

L21  ANSWER 1 OF 59  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2007:1469363  CAPLUS
TI   Combination of a cholinesterase inhibitor and a compound with 5-HT6
     receptor affinity, and therapeutic use
IN   Codony-Soler, Xavier; Buschmann, Helmut Henrich
PA   Laboratorios Del Dr. Esteve, S.A., Spain
SO   PCT Int. Appl., 254pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
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PI   WO 2007147883         A1    20071227    WO 2007-EP56234          20070622
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
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            GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG,
            KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
            MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,
            PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,
            TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
        RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
            IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
            GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
            BY, KG, KZ, MD, RU, TJ, TM
PRAI EP 2006-384012        A     20060623
IT   INDEXING IN PROGRESS
IT   290308-82-6 290308-82-6D, enantiomers and salts
     RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (cholinesterase inhibitor combination with compound with 5-HT6 receptor
        affinity)
RN   290308-82-6  CAPLUS
CN   1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-
     piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (1:1)  (CA
     INDEX NAME)
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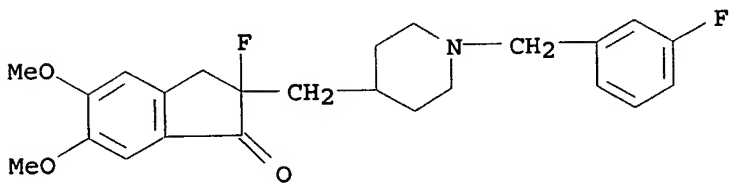

● HCl

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RN   290308-82-6  CAPLUS
CN   1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-
     piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (1:1)  (CA
     INDEX NAME)
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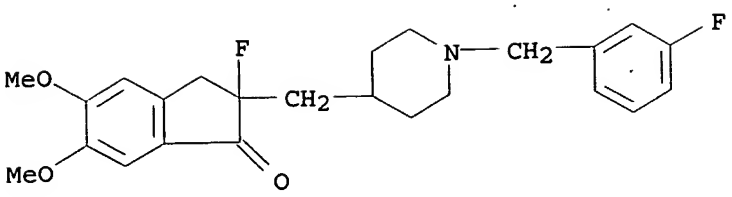


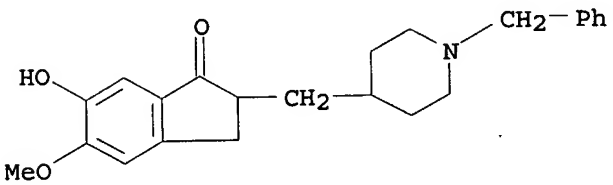
● HCl

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1301413 CAPLUS
DN 147:528161
TI Transdermally absorbable donepezil preparation
IN Terahara, Takaaki; Michinaka, Yasunari; Nakanishi, Masaru; Hattori, Wataru; Kuroda, Takao
PA Hisamitsu Pharmaceutical Co., Inc., Japan; Aida, Kazunosuke
SO PCT Int. Appl., 31pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

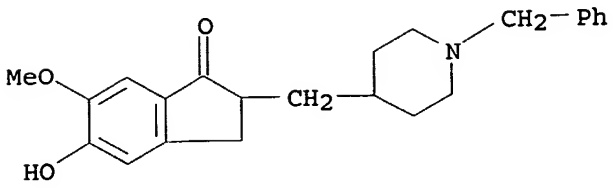
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007129712	A1	20071115	WO 2007-JP59525	20070508
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	JP 2007302582	A	20071122	JP 2006-130668	20060509
PRAI	JP 2006-130668	A	20060509		

IT 120013-56-1 120013-57-2
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(transdermally absorbable donepezil preparation)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-

piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

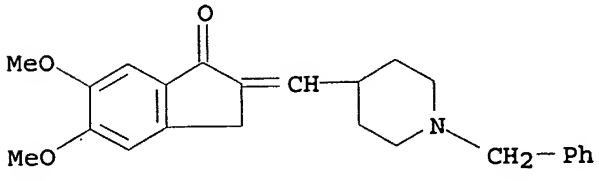
L21 ANSWER 3 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1204776 CAPLUS
DN 147:486334
TI Improved synthesis and preparations of intermediates and new polymorphs thereof useful for the preparation of donepezil hydrochloride
IN Soldevilla Madrid, Nuria
PA Medichem S.A., Spain
SO PCT Int. Appl., 21pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007119118	A2	20071025	WO 2006-IB4254	20061114

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

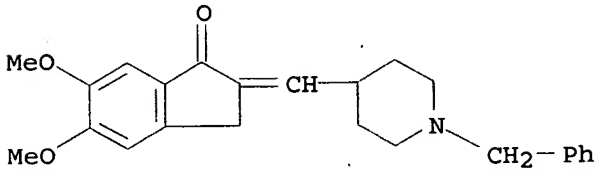
PRAI US 2005-735838P P 20051114
OS CASREACT 147:486334
IT 120014-07-5P, 2-(1-Benzylpiperidin-4-ylmethylidene)-5,6-dimethoxyindan-1-one
RL: IMF (Industrial manufacture); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(improved preparation of 2-(1-benzylpiperidin-4-ylmethylidene)-5,6-dimethoxyindan-1-one by condensation of 5,6-dimethoxyindan-1-one with 1-benzylpiperidine-4-carboxaldehyde as intermediate for donepezil hydrochloride)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



L21 ANSWER 4 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1086685 CAPLUS
DN 147:385847
TI Process for preparation of highly pure donepezil
IN Aggarwal, Ashwani Kumar; Srinivasan, Chidambaram Venkateswaran; Wadhwa, Lalit
PA Ind-Swift Laboratories Limited, India
SO PCT Int. Appl., 21pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007108011	A2	20070927	WO 2007-IN113	20070320
	WO 2007108011	A3	20071115		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	IN 2006DE00936	A	20070928	IN 2006-DE936	20060320
PRAI	IN 2006-DE936	A	20060320		

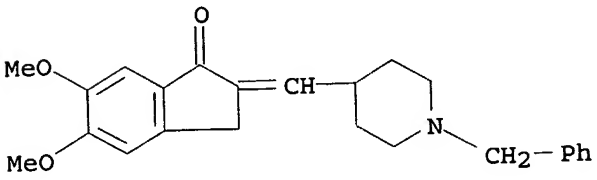
OS CASREACT 147:385847
IT 120014-07-5P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of highly pure donepezil)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



L21 ANSWER 5 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:986936 CAPLUS
DN 147:486302
TI Efficient and Industrially Viable Synthesis of Donepezil
AU Rao, R. Janaki Rama; Rao, A. K. S. Bhujanga; Murthy, Y. L. N.
CS Natco Research Centre, Natco Pharma Limited, Andhra Pradesh, Hyderabad, India
SO Synthetic Communications (2007), 37(17), 2847-2853
CODEN: SYNCAV; ISSN: 0039-7911
PB Taylor & Francis, Inc.
DT Journal
LA English
OS CASREACT 147:486302
IT 120014-07-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of donepezil hydrochloride via condensation of 5,6-dimethoxy-1-indanone and 1-benzyl-4-piperidinecarboxaldehyde in the presence of potassium carbonate followed by hydrogenation of the intermediate)

RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)

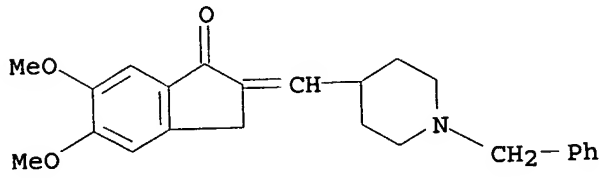


RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 6 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:912785 CAPLUS
DN 147:277458
TI Process for the preparation of donepezil hydrochloride by condensation of 5,6-dimethoxy-1-indanone with 1-benzyl-4-piperidinecarboxaldehyde followed by hydrogenation.
IN Nagarimadugu, Mahesh; Gupta, Arun Kumar; Dandala, Ramesh; Meenakshisunderam, Sivakumaran
PA India
SO U.S. Pat. Appl. Publ., 6pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2007191610	A1	20070816	US 2007-703948	20070208
PRAI IN 2006-CH255	A	20060216		

OS CASREACT 147:277458
IT 120014-07-5DP, solvates
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of donepezil hydrochloride by condensation of dimethoxyindanone with benzylpiperidinecarboxaldehyde followed by hydrogenation)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)

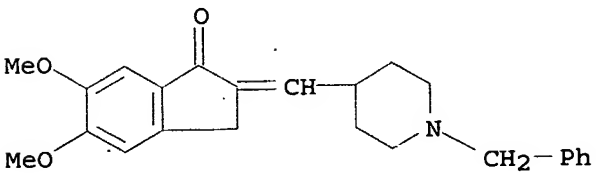


L21 ANSWER 7 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:760080 CAPLUS
DN 147:166200
TI Process for preparation of donepezil and intermediates

IN Pathi, Srinivas Laxminarayan; Acharya, Vinod; Rao, Dharmaraj Ramachandra; Kankan, Rajendra Narayanrao
PA Cipla Limited, India; Curtis, Philip Anthony
SO PCT Int. Appl., 21pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007077443	A1	20070712	WO 2007-GB9	20070103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
IN 2006MU00017	A	20070824	IN 2006-MU17	20060104
PRAI IN 2006-MU17	A	20060104		

OS CASREACT 147:166200; MARPAT 147:166200
IT 120014-07-5P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of donepezil and intermediates)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 8 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:433730 CAPLUS
DN 146:421848
TI Process for producing 1-benzyl-4-[(5,6-dimethoxy-1-oxoindan-2-yl)methyl]piperidine (donepezil) or hydrochloride thereof
IN Imai, Akio
PA Eisai R & D Management Co., Ltd., Japan
SO PCT Int. Appl., 20pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007043440	A1	20070419	WO 2006-JP319981	20061005
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,				

KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

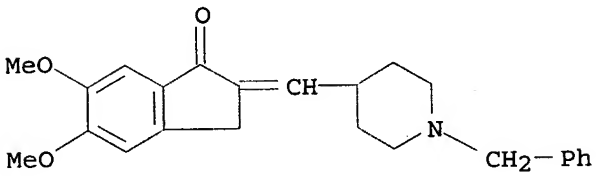
	US 2007088055	A1	20070419	US 2006-546444	20061012
PRAI	JP 2005-299526	A	20051014		
	US 2005-730844P	P	20051028		

OS CASREACT 146:421848

IT 120014-07-5, 1-Benzyl-4-[(5,6-dimethoxy-1-oxoindan-2-ylidene)methyl]piperidine
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of donepezil or its hydrochloride by catalytic chemoselective hydrogenation of 1-benzyl-4-[(5,6-dimethoxy-1-oxoindan-2-ylidene)methyl]piperidine in presence of palladium-alumina catalyst)

RN 120014-07-5 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 9 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:115365 CAPLUS

DN 146:184372

TI Process for producing 1-benzyl-4-[(5,6-dimethoxy-1-indanone)-2-ylidene]methylpiperidine

IN Imai, Akio; Shimotani, Akihiko; Tsurugi, Tomio; Narabe, Yukio

PA Eisai R & D Management Co., Ltd., Japan

SO PCT Int. Appl., 35pp.
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007013395	A1	20070201	WO 2006-JP314568	20060724

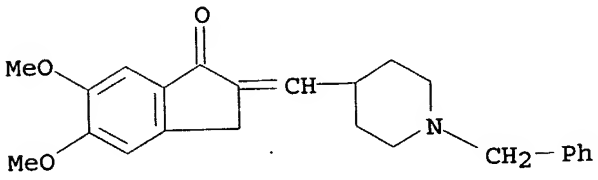
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI JP 2005-213820 A 20050725

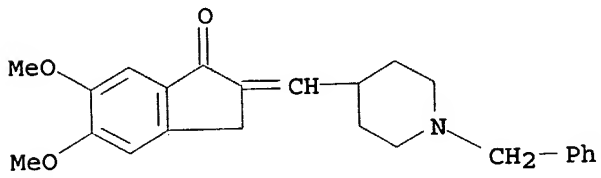
OS CASREACT 146:184372

IT 120014-07-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of 1-benzyl-4-[(5,6-dimethoxy-1-indanone)-2-ylidene]methylpiperidine by reaction of 5,6-dimethoxy-1-indanone with 1-benzyl-4-formylpiperidine in presence of base)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 10 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:901461 CAPLUS
DN 147:52777
TI Synthesis of donepezil hydrochloride
AU He, Bingming; Qiu, Youchun; Chen, Jie; Zhang, Fuli
CS College of Environmental and Chemical Engineering, Shanghai University, Shanghai, 201800, Peop. Rep. China
SO Zhongguo Yiyao Gongye Zazhi (2005), 36(11), 657-659
CODEN: ZYGZEA; ISSN: 1001-8255
PB Zhongguo Yiyao Gongye Zazhi Bianjibu
DT Journal
LA Chinese
OS CASREACT 147:52777
IT 120014-07-5P, 1-Benzyl-4-[(5,6-dimethoxy-1-oxoindan-2-ylidene)methyl]piperidine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of donepezil hydrochloride via synthetic sequence involving benzylation, reduction, Swern oxidation, catalytic hydrogenation, cyclization and aldol condensation)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)

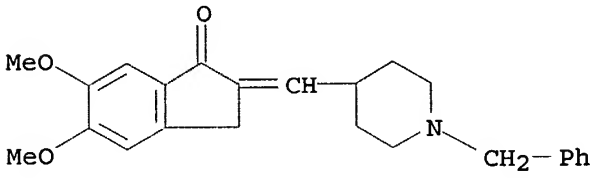


L21 ANSWER 11 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:769191 CAPLUS
DN 145:202921
TI Therapeutic agent for overactive bladder resulting from cerebral infarction
IN Yokoyama, Osamu; Nakai, Masaharu
PA Eisai Co., Ltd., Japan
SO U.S. Pat. Appl. Publ., 40pp.

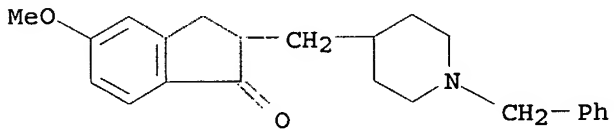
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006172992	A1	20060803	US 2005-203901	20050815

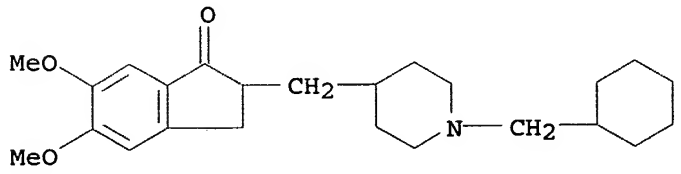
PRAI US 2004-601425P P 20040813
OS MARPAT 145:202921
IT 120014-07-5 120014-08-6 120014-12-2
120014-13-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(therapeutic agent for overactive bladder resulting from cerebral infarction)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



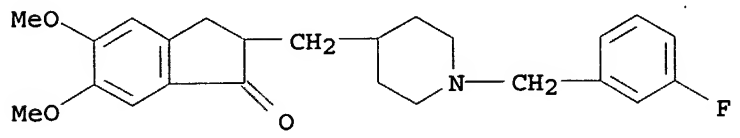
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



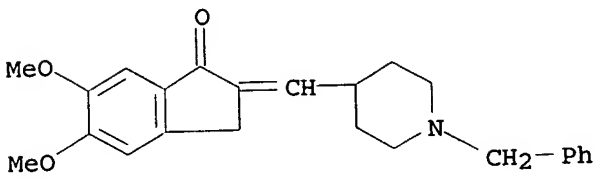
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

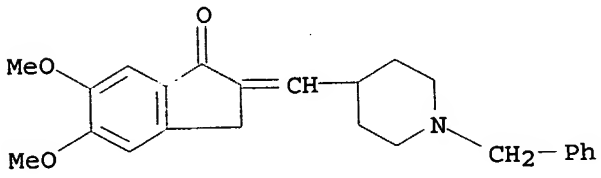


IT 120011-69-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(therapeutic agent for overactive bladder resulting from cerebral infarction)
RN 120011-69-0 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L21 ANSWER 12 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:744007 CAPLUS
DN 147:9758
TI Synthesis of donepezil
AU Sheng, Rong; Hu, Yongzhou
CS College of Pharmaceutical Science, Zhejiang University, Hangzhou, Zhejiang Province, 310031, Peop. Rep. China
SO Zhongguo Yaoxue Zazhi (Beijing, China) (2005), 40(18), 1421-1424
CODEN: ZYZAEU; ISSN: 1001-2494
PB Zhongguo Yaoxue Zazhishe
DT Journal
LA Chinese
IT 120014-07-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of donepezil)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



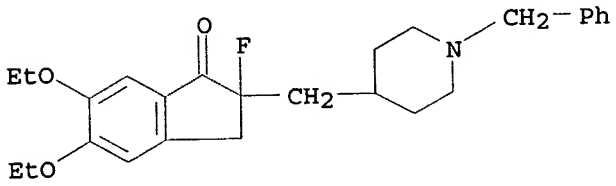
L21 ANSWER 13 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:740618 CAPLUS
DN 145:159828
TI Nicotine in therapeutic angiogenesis and vasculogenesis
IN Cooke, John; Jang, James; Tsao, Phillip; Heeschen, Christopher
PA USA
SO U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of U.S. Ser. No. 147,389.
CODEN: USXXCO
DT Patent
LA English

FAN.CNT 4

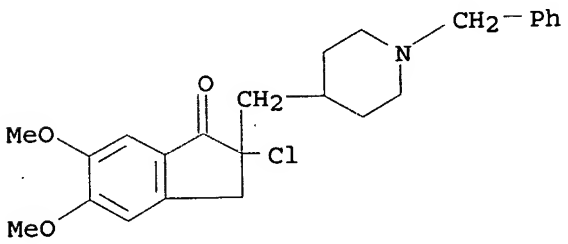
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006167028	A1	20060727	US 2005-286850	20051122
	US 6417205	B1	20020709	US 2000-628226	20000728
	US 2002128294	A1	20020912	US 2002-147389	20020515
	US 7160904	B2	20070109		
	US 2006182731	A1	20060817	US 2006-404445	20060413
PRAI	US 1999-146233P	P	19990728		
	US 2000-628226	A3	20000728		
	US 2002-147389	A2	20020515		
	US 2005-286850	A1	20051122		

IT 290308-79-1 329010-63-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(nicotine for therapeutic angiogenesis and vasculogenesis in ischemic syndromes)

RN 290308-79-1 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 329010-63-1 CAPLUS
CN 1H-Inden-1-one, 2-chloro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 14 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:652742 CAPLUS
DN 145:96444
TI Remedies for Alzheimer's disease accompanied by cerebrovascular disorder
IN Arai, Hiroyuki; Maruyama, Masahiro
PA Tohoku University, Japan
SO Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

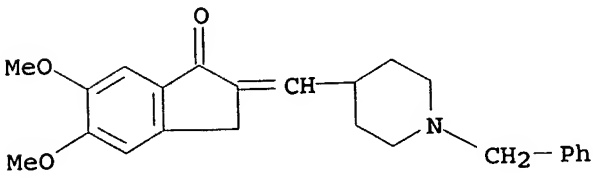
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006176503	A	20060706	JP 2005-341813	20051128
PRAI	JP 2004-341921	A	20041126		

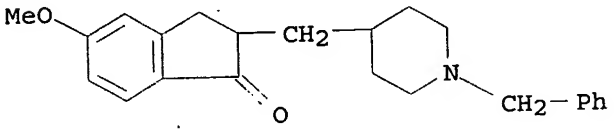
OS MARPAT 145:96444
IT 120014-07-5 120014-08-6 120014-12-2
120014-13-3

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(remedies for Alzheimer's disease accompanied by cerebrovascular disorder containing choline esterase inhibitor and Kamiuntanto)

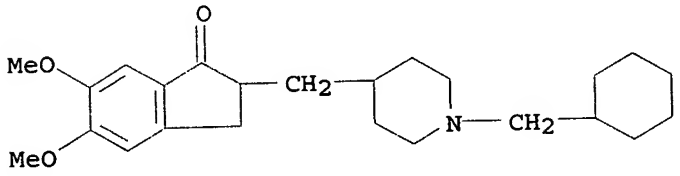
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



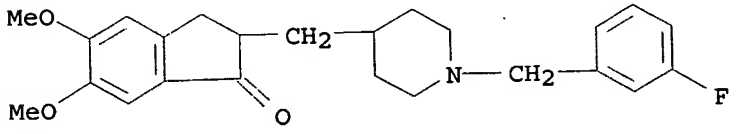
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

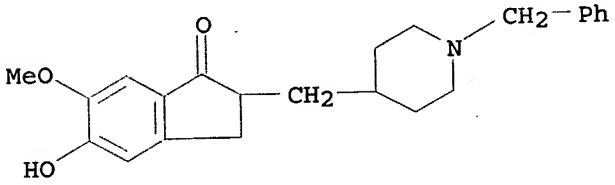


L21 ANSWER 15 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:272840 CAPLUS
DN 144:318583
TI Donepezil salts suitable for the preparation of pharmaceutical compositions
IN Mezei, Tibor; Simig, Gyula; Lukacs, Gyula; Porcs-Makkay, Marta; Volk, Balazs; Molnar, Eniko; Hofmanne Fekete, Valeria
PA Egis Gyogyszergyar Rt., Hung.
SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006030249	A1	20060323	WO 2005-HU102	20050912
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	HU 2004001850	A2	20061128	HU 2004-1850	20040915
	EP 1817286	A1	20070815	EP 2005-787910	20050912
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	CN 101039910	A	20070919	CN 2005-80034807	20050912
	IN 2007DN01797	A	20070817	IN 2007-DN1797	20070307
	NO 2007001912	A	20070607	NO 2007-1912	20070416
PRAI	HU 2004-1850	A	20040915		
	WO 2005-HU102	W	20050912		

OS MARPAT 144:318583
IT 120013-57-2
RL: REM (Removal or disposal); PROC (Process)
(donepezil salts suitable for the preparation of pharmaceutical compns.)
RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

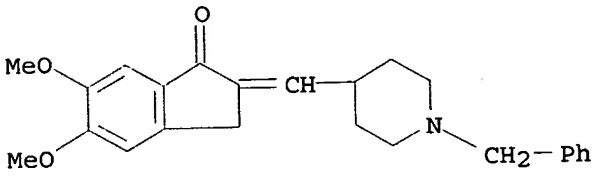


RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 16 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:268371 CAPLUS
DN 144:305160
TI Therapeutic drugs for age-related overactive bladder containing cholinesterase inhibitors, treatment of overactive bladder with the drugs, and screening of the drugs
IN Yokoyama, Osamu; Nakai, Shoji; Akino, Hironobu
PA Eisai Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 44 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

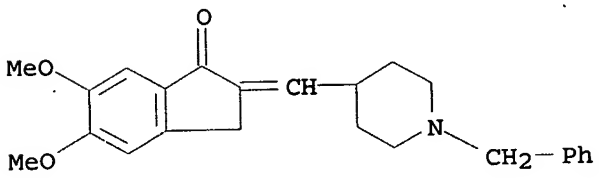
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2006077006	A	20060323	JP 2005-235436	20050815

US 2006135507 A1 20060622 US 2005-203899 20050815
PRAI JP 2004-235932 A 20040813
US 2004-601442P P 20040813
OS MARPAT 144:305160
IT 120011-69-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(cholinesterase inhibitors for treatment of age-related overactive bladder and drug screening using change in bladder volume, bladder contraction pressure, or residual urine volume as index)
RN 120011-69-0 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)

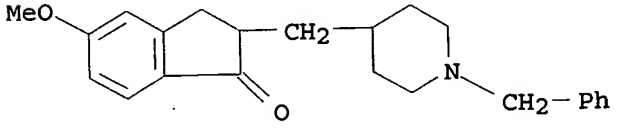


● HCl

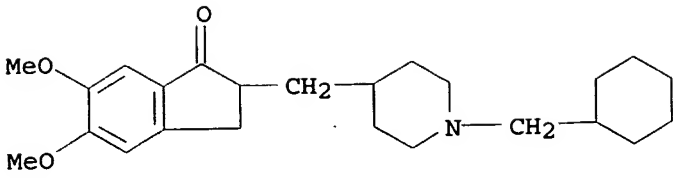
IT 120014-07-5 120014-08-6 120014-12-2
120014-13-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cholinesterase inhibitors for treatment of age-related overactive bladder and drug screening using change in bladder volume, bladder contraction pressure, or residual urine volume as index)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



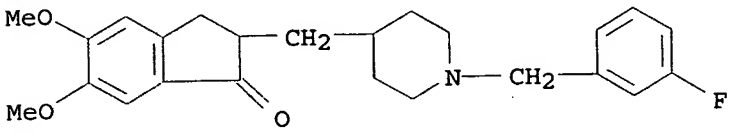
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



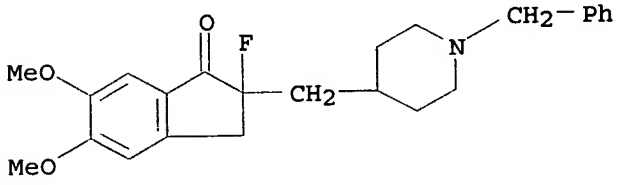
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



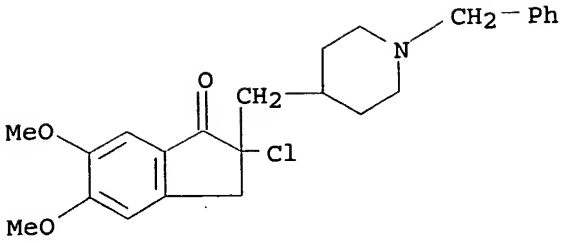
RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



L21 ANSWER 17 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:153502 CAPLUS
DN 144:225610
TI Dimeric and hybrid anti-Alzheimer drug candidates
AU Munoz-Torrero, D.; Camps, P.
CS Laboratori de Quimica Farmaceutica (Unitat Associada al CSIC), Facultat de Farmacia, Universitat de Barcelona, Barcelona, E-08028, Spain
SO Current Medicinal Chemistry (2006), 13(4), 399-422
CODEN: CMCHE7; ISSN: 0929-8673
PB Bentham Science Publishers Ltd.
DT Journal
LA English
IT 307307-69-3 329010-63-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(Dimeric and hybrid anti-Alzheimer drug candidates)
RN 307307-69-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

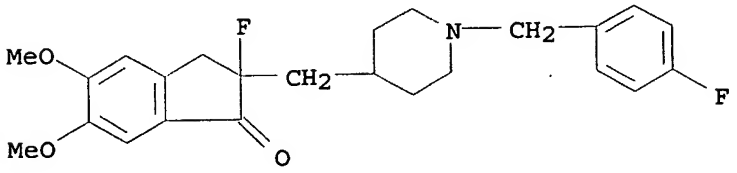


RN 329010-63-1 CAPLUS
CN 1H-Inden-1-one, 2-chloro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 203 THERE ARE 203 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 18 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:111141 CAPLUS
DN 145:183001
TI Is subnanomolar binding affinity required for the in vivo imaging of acetylcholinesterase? Studies on 18F-labeled G379
AU Lee, Sang-Yoon; Choe, Yearn Seong; Ryu, Eun Kyoung; Iimura, Yoichi; Choi, Yong; Lee, Kyung-Han; Kim, Byung-Tae
CS Department of Nuclear Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, 135-710, S. Korea
SO Nuclear Medicine and Biology (2006), 33(1), 91-94
CODEN: NMBIEO; ISSN: 0969-8051
PB Elsevier Inc.
DT Journal
LA English
IT 290309-12-5P, 18F-G 379
RL: DGN (Diagnostic use); PKT (Pharmacokinetics); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(studies on 18F-labeled G379 in subnanomolar binding affinity for in vivo imaging of acetylcholinesterase)
RN 290309-12-5 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(4-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

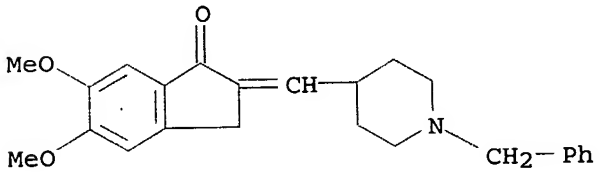


RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 19 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:31791 CAPLUS
DN 144:101061
TI Nerve regeneration promoter
IN Teramoto, Tetsuyuki; Yamauchi, Toshihiko; Kotani, Sadaharu
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 78 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

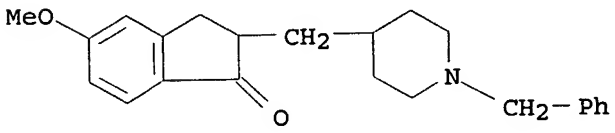
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006004201	A1	20060112	WO 2005-JP12636	20050701
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM
EP 1779867 A1 20070502 EP 2005-757851 20050701
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
BA, HR, MK, YU
PRAI JP 2004-195993 A 20040701
WO 2005-JP12636 W 20050701
OS MARPAT 144:101061
IT 120011-69-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(cyclic amide analogs as nerve regeneration promoters)
RN 120011-69-0 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)

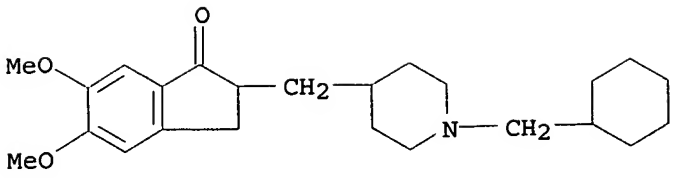


● HCl

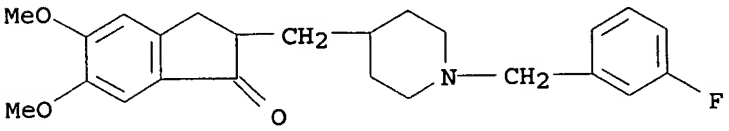
IT 120014-08-6 120014-12-2 120014-13-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cyclic amide analogs as nerve regeneration promoters)
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 20 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1196408 CAPLUS
DN 143:460034
TI Processes for producing 1-benzyl-4-[(5,6-dimethoxy-1-indanon)-2-yl]methylpiperidine and hydrochloride thereof
IN Imai, Akio; Nishimura, Hiroshi
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

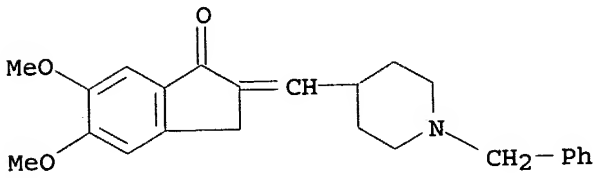
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005105742	A1	20051110	WO 2005-JP8028	20050427
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1741701	A1	20070110	EP 2005-736752	20050427
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
	CN 1968926	A	20070523	CN 2005-80013619	20050427
	US 2007117846	A1	20070524	US 2006-580908	20060530
	IN 2006DN06009	A	20070427	IN 2006-DN6009	20061016
PRAI	JP 2004-133277	A	20040428		
	WO 2005-JP8028	W	20050427		

OS CASREACT 143:460034
IT 120014-07-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(processes for producing 1-benzyl-4-[(5,6-dimethoxy-1-indanon)-2-yl]methylpiperidine and hydrochloride thereof via hydrogenation of

1-benzyl-4-[(5,6-dimethoxy-1-indanon)-2-ylidene]methylpiperidine)

RN 120014-07-5 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 21 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:1021615 CAPLUS

DN 143:299133

TI CADASIL treatment with cholinesterase inhibitors

IN Ieni, John

PA Eisai Co., Ltd., Japan

SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

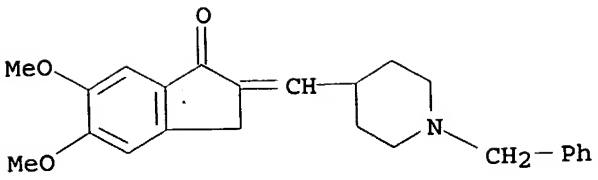
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005087226	A1	20050922	WO 2005-US7274	20050304
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1729761	A1	20061213	EP 2005-724755	20050304
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
PRAI	US 2004-549939P	P	20040305		
	WO 2005-US7274	W	20050304		

OS MARPAT 143:299133

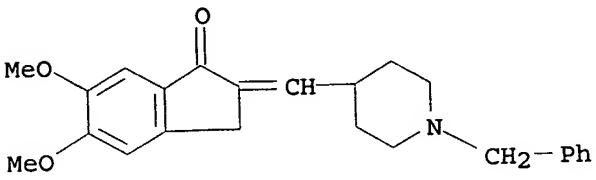
IT 120014-07-5 120014-07-5D, stereoisomers, salts
120014-08-6 120014-08-6D, stereoisomers, salts
120014-09-7 120014-09-7D, stereoisomers, salts
120014-12-2 120014-12-2D, stereoisomers, salts
120014-13-3 120014-13-3D, stereoisomers, salts
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(as cholinesterase inhibitor; CADASIL treatment with cholinesterase inhibitors)

RN 120014-07-5 CAPLUS

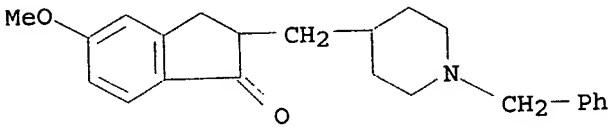
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



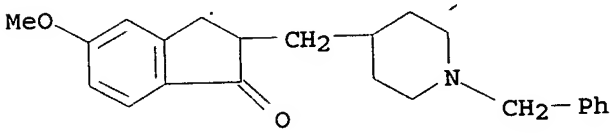
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



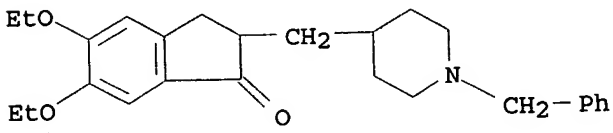
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



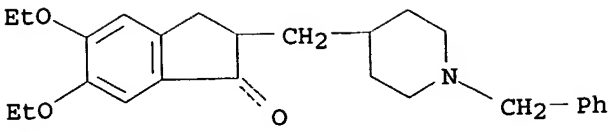
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



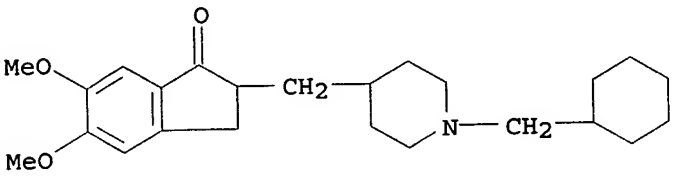
RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



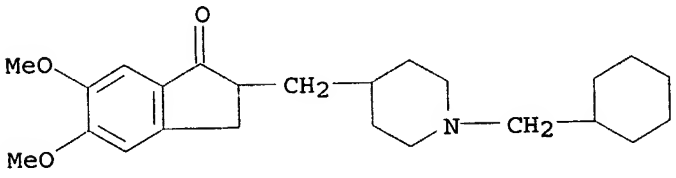
RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



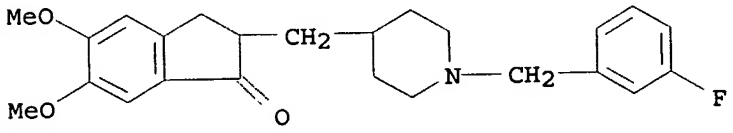
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



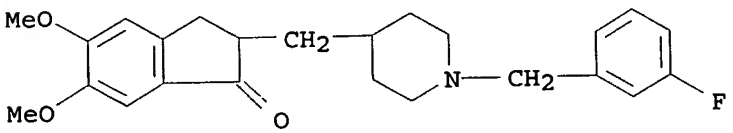
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



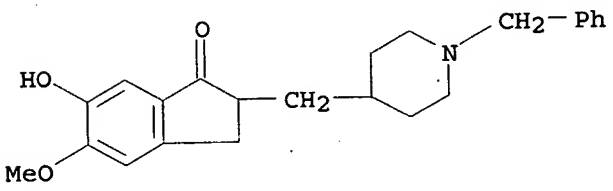
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 22 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:638706 CAPLUS
DN 143:159548
TI Donepezil formulations

IN Boehm, Garth; Dundon, Josephine
PA Alpharma, Inc., USA
SO PCT Int. Appl., 99 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005065645	A2	20050721	WO 2004-US42999	20041223
	WO 2005065645	A3	20051027		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2552221	A1	20050721	CA 2004-2552221	20041223
	US 2005232990	A1	20051020	US 2004-22346	20041223
	EP 1776089	A2	20070425	EP 2004-815115	20041223
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	IN 2006DN04397	A	20070713	IN 2006-DN4397	20060728
PRAI	US 2003-533496P	P	20031231		
	WO 2004-US42999	W	20041223		

IT 120013-56-1
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(donepezil formulations)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 23 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:259678 CAPLUS
DN 142:341889
TI Pharmaceuticals containing combinations of an acetylcholine esterase inhibitor and α-2-δ receptor ligands
IN Field, Mark John; Williams, Richard Griffith
PA UK
SO U.S. Pat. Appl. Publ., 25 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

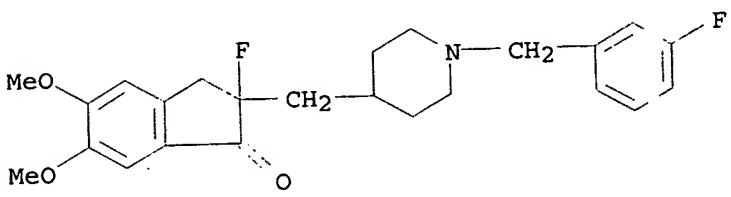
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005065176	A1	20050324	US 2004-936416	20040908
	CA 2539377	A1	20050331	CA 2004-2539377	20040908
	WO 2005027975	A1	20050331	WO 2004-IB2981	20040908

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1667722	A1	20060614	EP 2004-769370		20040908
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK					
BR 2004014590	A	20061107	BR 2004-14590		20040908
JP 2007505889	T	20070315	JP 2006-526722		20040908
MX 2006PA03157	A	20060605	MX 2006-PA3157		20060320
PRAI GB 2003-22140	A	20030922			
WO 2004-IB2981	W	20040908			

IT 290308-82-6, ER 127528
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceuticals containing combinations of acetylcholine esterase inhibitor and α-2-δ receptor ligands)

RN 290308-82-6 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (1:1) (CA INDEX NAME)

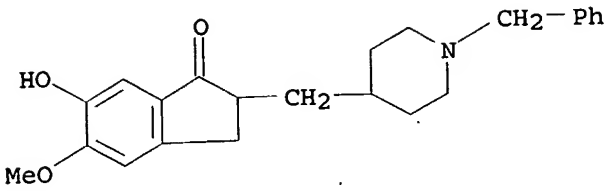


● HCl

L21 ANSWER 24 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:1122813 CAPLUS
DN 143:19739
TI Concurrent administration of donepezil HCl and levodopa/carbidopa in patients with Parkinson's disease: assessment of pharmacokinetic changes and safety following multiple oral doses
AU Okereke, Chukwuemeka S.; Kirby, Louis; Kumar, Dinesh; Cullen, Edward I.; Pratt, Raymond D.; Hahne, William A.
CS Clinical Pharmacology, Eisai Medical Research Inc., Ridgefield Park, NJ, USA
SO British Journal of Clinical Pharmacology (2004), 58(Suppl. 1), 41-49
CODEN: BCPHBM; ISSN: 0306-5251
PB Blackwell Publishing Ltd.
DT Journal
LA English
IT 120013-56-1
RL: PKT (Pharmacokinetics); BIOL (Biological study)
(multiple oral doses of donepezil HCl and levodopa/carbidopa showed traces of plasma concentration of active metabolite 6-OH donepezil in Parkinson's disease patient)

RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-

piperidinyl]methyl]- (CA INDEX NAME)

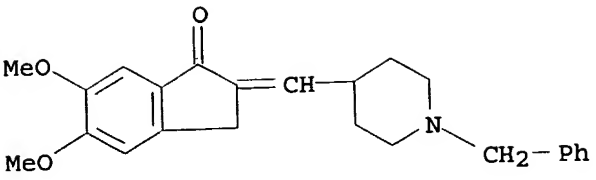


RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

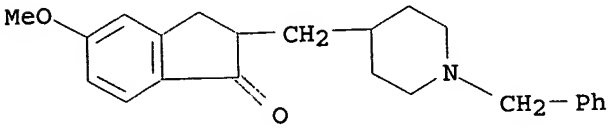
L21 ANSWER 25 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:354723 CAPLUS
DN 140:368732
TI Methods and compositions using cholinesterase inhibitors for the treatment of nervous system disorders and other conditions
IN Ieni, John; Pratt, Raymond
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004034963	A2	20040429	WO 2003-US15279	20030516
	WO 2004034963	A3	20040722		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003298514	A1	20040504	AU 2003-298514	20030516
	US 2006018839	A1	20060126	US 2004-988600	20041116
	US 2007053976	A1	20070308	US 2006-523803	20060920
PRAI	US 2002-380852P	P	20020517		
	US 2003-447724P	P	20030219		
	WO 2003-US15279	W	20030516		
	US 2004-988600	A2	20041116		
	JP 2005-276222	A	20050922		

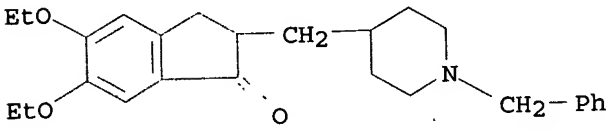
OS MARPAT 140:368732
IT 120014-07-5 120014-08-6 120014-09-7
120014-12-2 120014-13-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cholinesterase inhibitors for treatment of nervous system disorders and other conditions, and pharmaceutical compns.)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



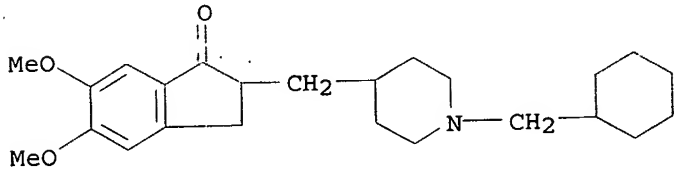
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



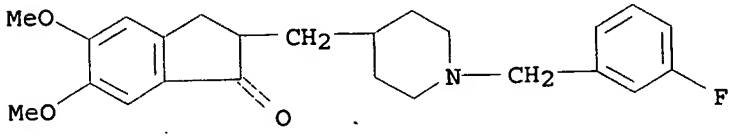
RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

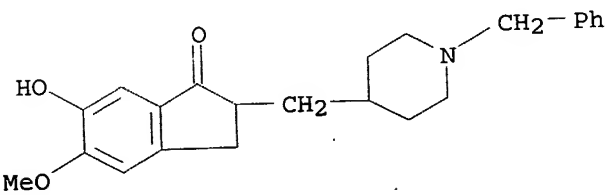


L21 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:950045 CAPLUS
DN 140:770
TI Administration of acetylcholinesterase inhibitors via intranasal delivery to the cerebral spinal fluid for treatment of cognitive disorders
IN Quay, Steven C.

PA USA
SO U.S. Pat. Appl. Publ., 23 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003225031	A1	20031204	US 2003-439108	20030515
CA 2482161	A1	20040108	CA 2003-2482161	20030519
WO 2004002402	A2	20040108	WO 2003-US15653	20030519
WO 2004002402	A3	20041007		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003269874	A1	20040119	AU 2003-269874	20030519
EP 1505971	A2	20050216	EP 2003-751761	20030519
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005532372	T	20051027	JP 2004-517563	20030519
NZ 535192	A	20060526	NZ 2003-535192	20030519
US 2004254146	A1	20041216	US 2004-831031	20040423
ZA 2004007420	A	20060628	ZA 2004-7420	20040915
IN 2004KN01664	A	20071012	IN 2004-KN1664	20041108
US 2006003989	A1	20060105	US 2005-112950	20050422
PRAI US 2002-382122P	P	20020521		
US 2003-439108	A2	20030515		
WO 2003-US15653	W	20030519		
US 2004-831031	A2	20040423		

IT 120013-56-1
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(administration of acetylcholinesterase inhibitors via intranasal delivery to the cerebral spinal fluid for treatment of cognitive disorders)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 27 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:892554 CAPLUS
DN 139:358812
TI Cholinesterase inhibitors to prevent and treat injuries caused by chemicals
IN Ieni, John; Pratt, Raymond
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003092606	A2	20031113	WO 2003-US13575	20030501
WO 2003092606	A3	20040108		

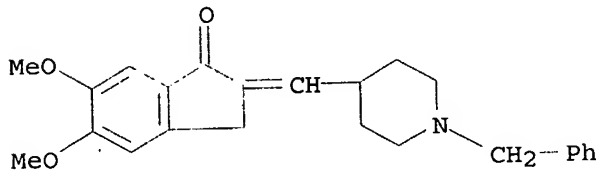
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

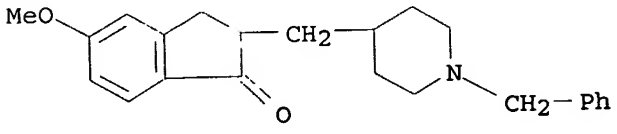
AU 2003228796	A1	20031117	AU 2003-228796	20030501
GB 2405336	A	20050302	GB 2004-24188	20030501
PRAI US 2002-376560P	P	20020501		
WO 2003-US13575	W	20030501		

OS MARPAT 139:358812
IT 120014-07-5 120014-08-6 120014-09-7
120014-12-2 120014-13-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cholinesterase inhibitors for prevention and treatment of chemical-caused injuries)

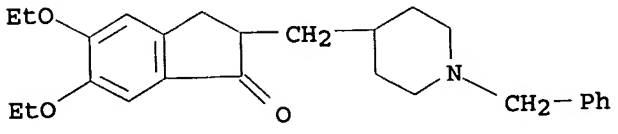
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



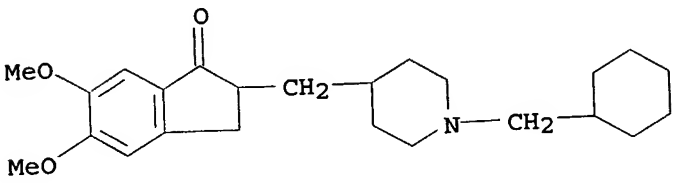
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



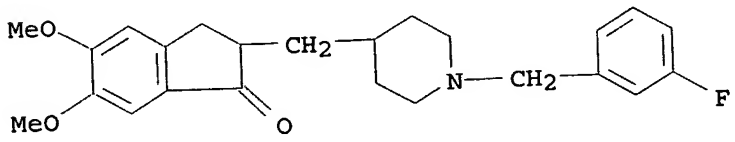
RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



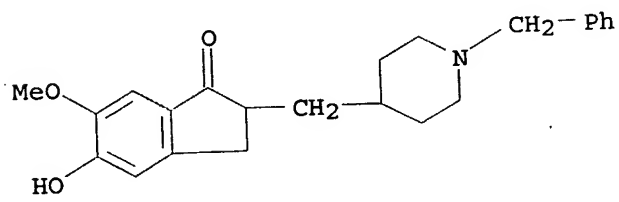
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



L21 ANSWER 28 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:174753 CAPLUS
DN 139:193703
TI Evaluation of the binding characteristics of [5-11C-methoxy]donepezil in the rat brain for in vivo visualization of acetylcholinesterase
AU Funaki, Yoshihito; Kato, Motohisa; Iwata, Ren; Sakurai, Eiko; Sakurai, Eiichi; Tashiro, Manabu; Ido, Tatsuo; Yanai, Kazuhiko
CS Cyclotron and Radioisotope Center, Tohoku University, Sendai, 980-8578, Japan
SO Journal of Pharmacological Sciences (Tokyo, Japan) (2003), 91(2), 105-112
CODEN: JPSTGJ; ISSN: 1347-8613
PB Japanese Pharmacological Society
DT Journal
LA English
IT 120013-57-2
RL: RCT (Reactant); RACT (Reactant or reagent)
([5-11C-methoxy]donepezil binding in brain for PET visualization of acetylcholinesterase)
RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 29 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:330207 CAPLUS
DN 136:350581
TI Combinations of D4 dopamine receptor antagonists with acetylcholinesterase

inhibitors for the treatment of dementia or cognitive deficits associated with Alzheimer's Disease or Parkinson's Disease

IN Fliri, Anton Franz Josef; Sanner, Mark Allen; Zorn, Stevin Howard

PA Pfizer Products Inc., USA

SO Eur. Pat. Appl., 36 pp.
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

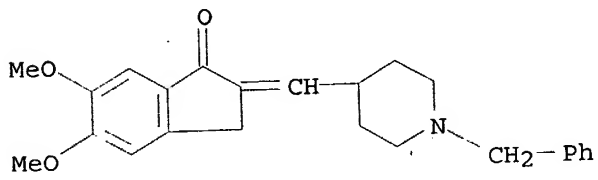
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1201268	A2	20020502	EP 2001-308953	20011022
EP 1201268	A3	20040102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002052373	A1	20020502	US 2001-931551	20010816
CA 2359877	A1	20020426	CA 2001-2359877	20011024
MX 2001PA10872	A	20020506	MX 2001-PA10872	20011025
BR 2001004830	A	20020528	BR 2001-4830	20011026
JP 2003063994	A	20030305	JP 2001-328863	20011026
PRAI US 2000-243543P	P	20001026		

OS MARPAT 136:350581

IT 120014-07-5 120014-08-6 120014-09-7
120014-12-2 120014-13-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(D4 dopamine receptor antagonist-acetylcholinesterase inhibitor combination for treatment of dementia or cognitive deficit associated with Alzheimer's or Parkinson's disease)

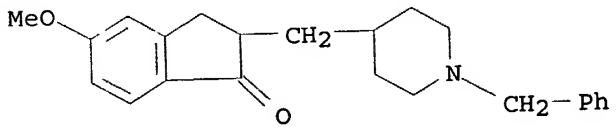
RN 120014-07-5 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



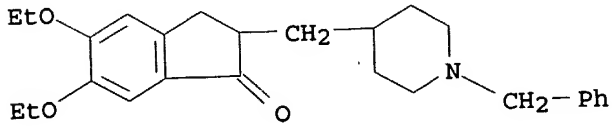
RN 120014-08-6 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

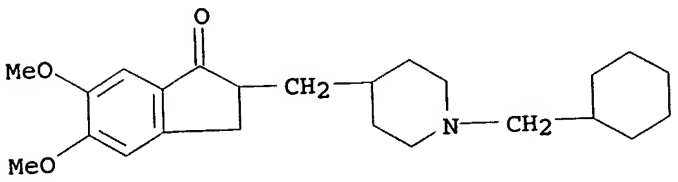


RN 120014-09-7 CAPLUS

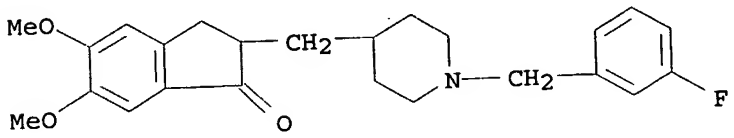
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



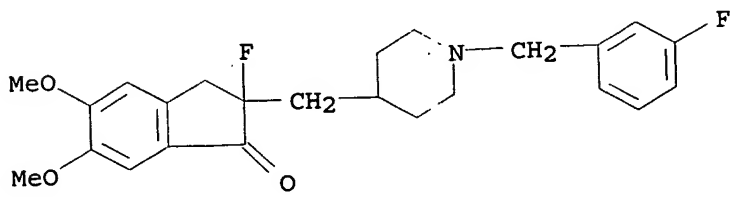
RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



L21 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:268567 CAPLUS
DN 136:294736
TI Optical resolution of donepezil or its halo derivatives using chiral HPLC
IN Iimura, Yoichi; Kozasa, Takashi; Suzuki, Naoko
PA Eisai Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

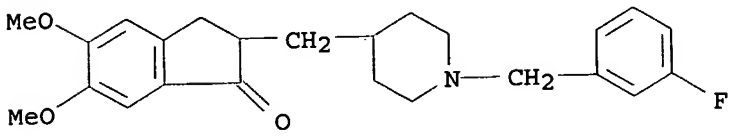
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002105052	A	20020410	JP 2000-298513	20000929
PRAI JP 2000-298513		20000929		

OS MARPAT 136:294736
IT 290308-83-7P
RL: PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
(optical resolution of donepezil or its halo derivs. using chiral HPLC)
RN 290308-83-7 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



IT 120014-13-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(optical resolution of donepezil or its halo derivs. using chiral HPLC)
RN 120014-13-3 CAPLUS

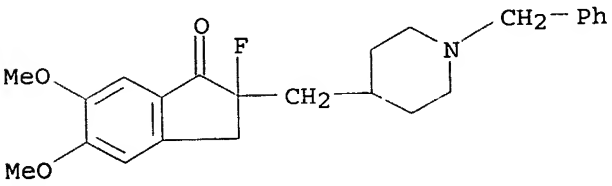
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



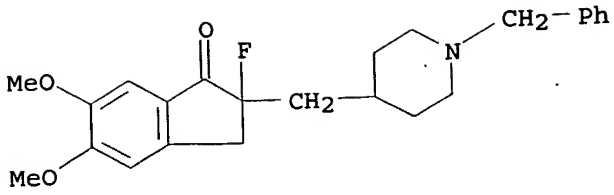
L21 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:185079 CAPLUS
DN 136:247496
TI Preparation of 1-benzyl-4-[(5,6-dimethoxy-2-fluoro-1-indanon)-2-yl]methylpiperidine as acetylcholinesterase inhibitor
IN Takeuchi, Yoshio; Shibata, Tetsuo; Suzuki, Emiko; Iimura, Yoichi; Kosasa, Takashi; Yamanishi, Yoshiharu; Sugimoto, Hachiro
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 12 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002020482	A1	20020314	WO 2000-JP5969	20000901
W: CN, KR				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1316549	A1	20030604	EP 2000-956886	20000901
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				

PRAI WO 2000-JP5969 W 20000901
IT 307307-69-3P 307307-70-6P
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1-benzyl-4-[(5,6-dimethoxy-2-fluoro-1-indanon)-2-yl]methylpiperidine as acetylcholinesterase inhibitor)
RN 307307-69-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 307307-70-6 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



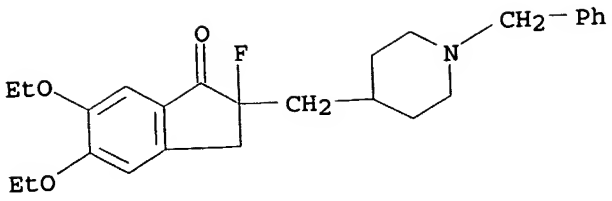
● HCl

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 32 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:31416 CAPLUS
DN 136:102292
TI Preparation of piperidine derivatives as agents for controlling intraocular pressure
IN Iimura, Yoichi; Kosasa, Takashi; Kato, Akira
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

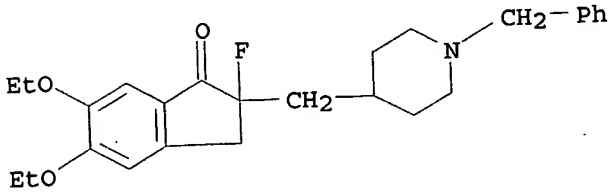
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002002526	A1	20020110	WO 2001-JP5714	20010702
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	JP 2000-200899	A	20000703		
	JP 2000-230319	A	20000731		

OS MARPAT 136:102292
IT 290308-78-0P 290308-79-1P 290308-82-6P
290308-83-7P 290308-86-0P 290308-87-1P
290308-97-3P 290308-98-4P 290309-07-8P
290309-08-9P 290309-09-0P 290309-10-3P
290309-11-4P 290309-12-5P 307307-69-3P
307307-70-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidine derivs. as agents for controlling intraocular pressure)
RN 290308-78-0 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

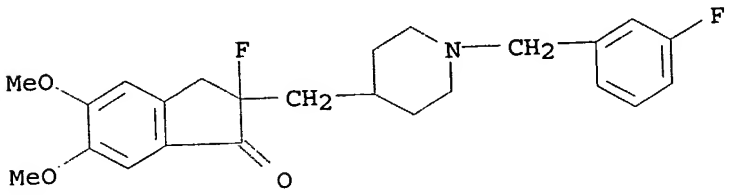


● HCl

RN 290308-79-1 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

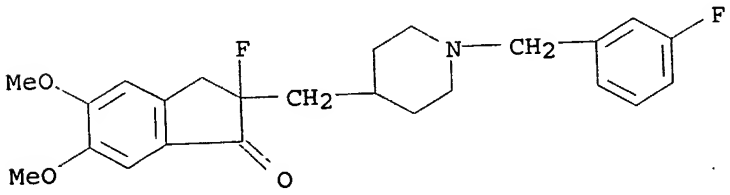


RN 290308-82-6 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (1:1) (CA INDEX NAME)

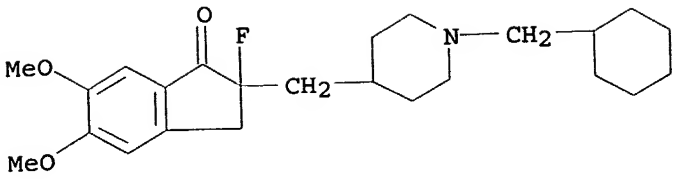


● HCl

RN 290308-83-7 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

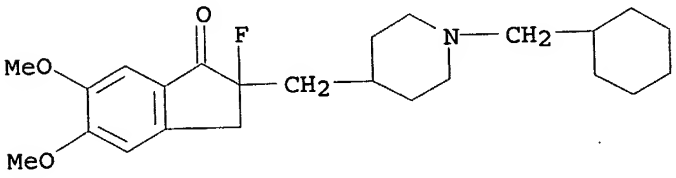


RN 290308-86-0 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2-fluoro-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

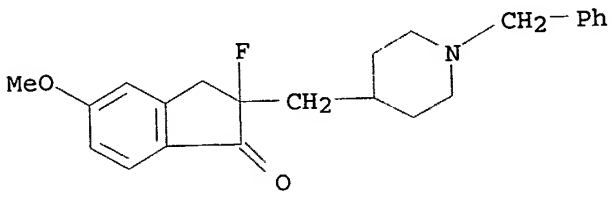


● HCl

RN 290308-87-1 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2-fluoro-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

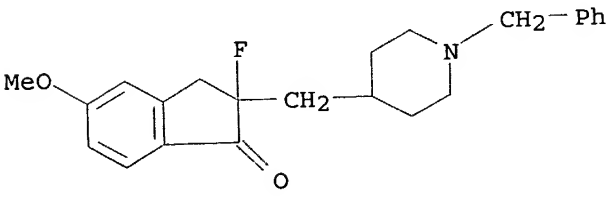


RN 290308-97-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

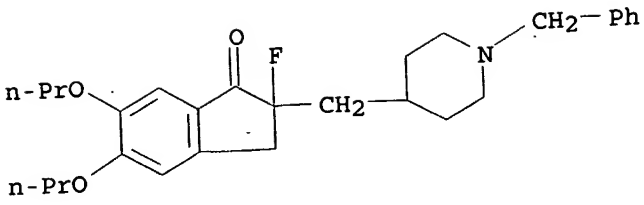


● HCl

RN 290308-98-4 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

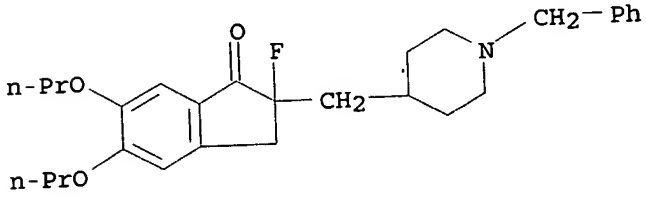


RN 290309-07-8 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-5,6-dipropoxy-, hydrochloride (9CI) (CA INDEX NAME)

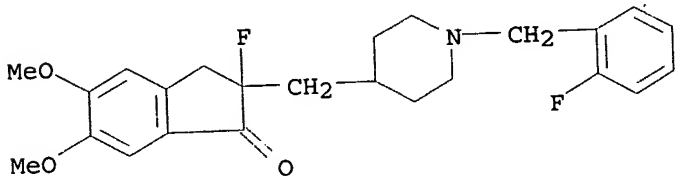


● HCl

RN 290309-08-9 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-5,6-dipropoxy- (CA INDEX NAME)

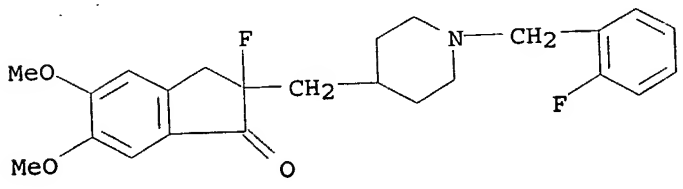


RN 290309-09-0 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(2-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

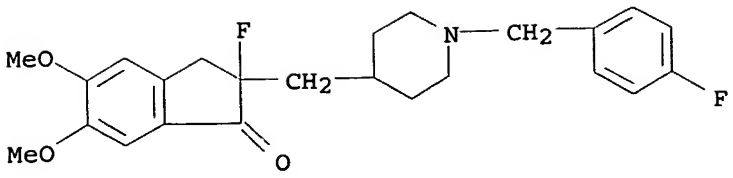


● HCl

RN 290309-10-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(2-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

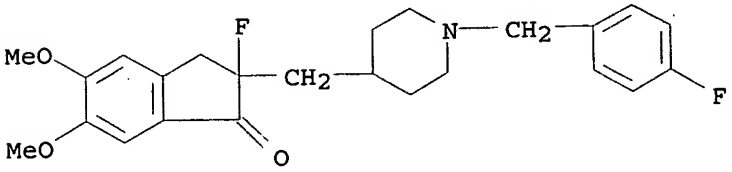


RN 290309-11-4 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(4-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

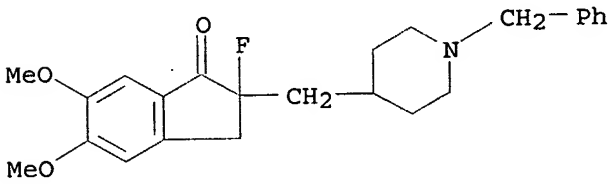


● HCl

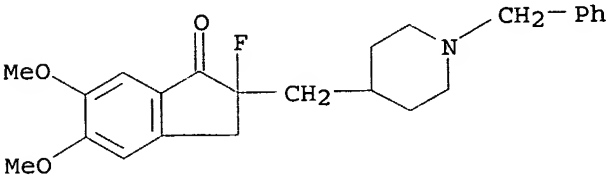
RN 290309-12-5 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(4-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 307307-69-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



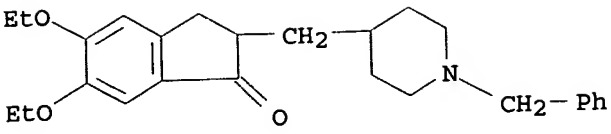
RN 307307-70-6 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



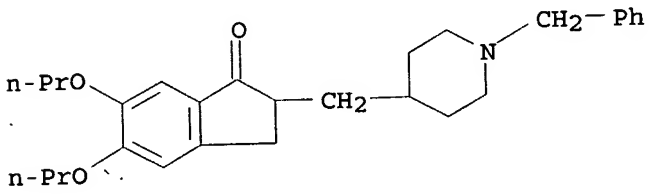
● HCl

IT 120014-09-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of piperidine derivs. as agents for controlling intraocular pressure)

RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



IT 290308-74-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperidine derivs. as agents for controlling intraocular pressure)
RN 290308-74-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-5,6-dipropoxy- (CA INDEX NAME)

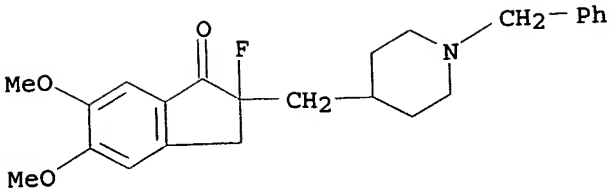


RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 33 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:935576 CAPLUS
DN 136:53687
TI Preparation of 4-substituted-piperidine compounds having acetyl cholinesterase inhibitory activity and useful as anti-Alzheimer agents
IN Iimura, Yoichi; Kosasa, Takashi
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001098271	A1	20011227	WO 2001-JP5320	20010621
	W: CN, JP, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	EP 1300395	A1	20030409	EP 2001-941159	20010621
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	US 2003166925	A1	20030904	US 2002-296379	20021125
	US 6906083	B2	20050614		
	US 2005026895	A1	20050203	US 2004-931033	20040901
PRAI	JP 2000-186085	A	20000621		
	WO 2001-JP5320	W	20010621		
	US 2002-296379	A3	20021125		

OS CASREACT 136:53687; MARPAT 136:53687
IT 307307-69-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(Preparation of 4-substituted-piperidine compds. having acetyl cholinesterase inhibitory activity and useful as anti-Alzheimer agents)
RN 307307-69-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 34 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:676603 CAPLUS
DN 135:221315
TI Methods using cholinesterase inhibitors for the treatment of dementia and other conditions
IN Pratt, Raymond
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066114	A1	20010913	WO 2001-US7027	20010305
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 200149091	A	20010917	AU 2001-49091	20010305
	EP 1311272	A1	20030521	EP 2001-922272	20010305
	EP 1311272	B1	20061122		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003525903	T	20030902	JP 2001-564766	20010305
	AT 345803	T	20061215	AT 2001-922272	20010305
	EP 1764101	A1	20070321	EP 2006-24116	20010305
	R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE, TR				
	ES 2275670	T3	20070616	ES 2001-1922272	20010305
	US 2002035128	A1	20020321	US 2001-899028	20010706
	US 2002035129	A1	20020321	US 2001-947087	20010904
	US 6482838	B2	20021119		
	US 6576646	B1	20030610	US 2002-54931	20020125
	US 2003040532	A1	20030227	US 2002-232406	20020903
	US 6689795	B2	20040210		
	US 2003153598	A1	20030814	US 2002-321653	20021218
	US 2004214863	A1	20041028	US 2003-623577	20030722
	US 2006183776	A9	20060817		
	US 2004122051	A1	20040624	US 2003-732349	20031211
	US 2004180931	A1	20040916	US 2004-806409	20040323
	US 2005250812	A1	20051110	US 2005-181855	20050715
PRAI	US 2000-186744P	P	20000303		
	US 2000-197610P	P	20000418		
	US 2000-220783P	P	20000725		
	US 2001-259226P	P	20010103		
	EP 2001-922272	A3	20010305		

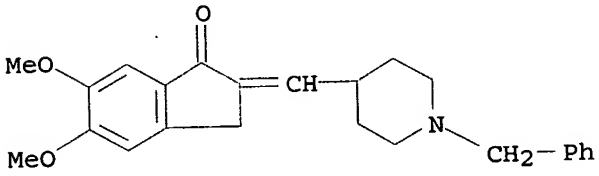
	WO 2001-US7027	W	20010305
	US 2001-899028	B1	20010706
	US 2001-947086	A1	20010904
	US 2001-947087	A1	20010904
	US 2002-232406	A2	20020903
	US 2002-321653	B1	20021218
	US 2003-732349	A1	20031211

OS MARPAT 135:221315

IT 120014-07-5 120014-08-6 120014-09-7
120014-12-2 120014-13-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cholinesterase inhibitors for treatment of dementia and other conditions)

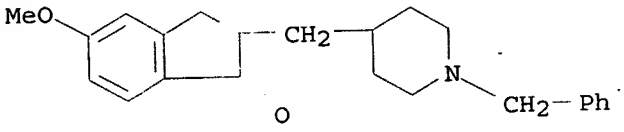
RN 120014-07-5 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



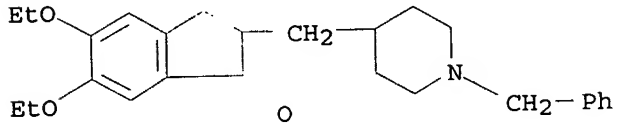
RN 120014-08-6 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



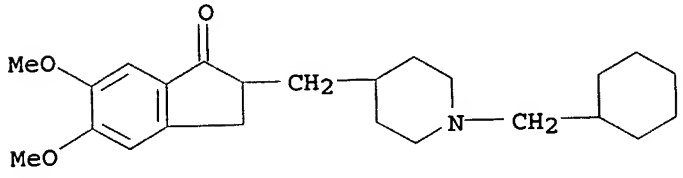
RN 120014-09-7 CAPLUS

CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

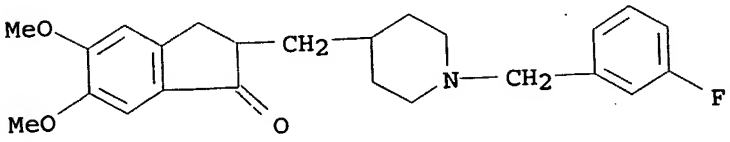


RN 120014-12-2 CAPLUS

CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



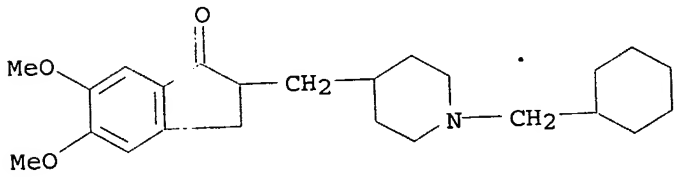
RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



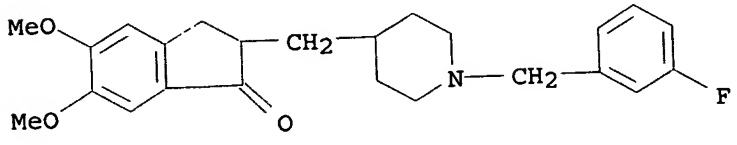
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 35 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:413185 CAPLUS
DN 135:251415
TI Electronic-topological investigation of the structure - acetylcholinesterase inhibitor activity relationship in the series of N-benzylpiperidine derivatives
AU Dimoglo, A. S.; Shvets, N. M.; Tetko, I. V.; Livingstone, D. J.
CS Institute of Chemistry, Academy of Sciences, Chisinau, MD-2028, Moldova
SO Quantitative Structure-Activity Relationships (2001), 20(1), 31-45
CODEN: QSARDI; ISSN: 0931-8771
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
IT 120014-12-2 120014-13-3 149874-81-7
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(electronic-topol. investigation of the structure-acetylcholinesterase inhibitor activity relationship in the series of N-benzylpiperidine derivs.)

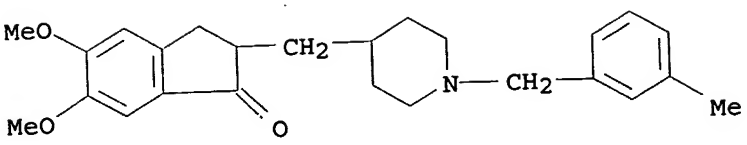
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 149874-81-7 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]- (CA INDEX NAME)

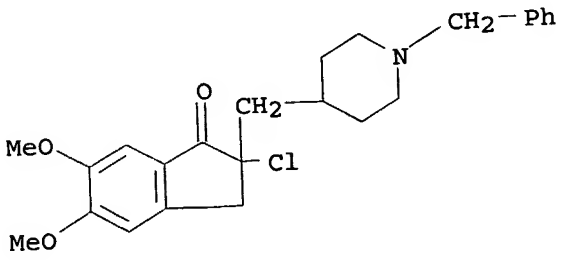


RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 36 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:167968 CAPLUS
DN 134:207723
TI Preparation of 4-substituted piperidine derivatives as acetylcholinesterase inhibiting remedies for senile dementia
IN Iimura, Yoichi; Kosasa, Takashi
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

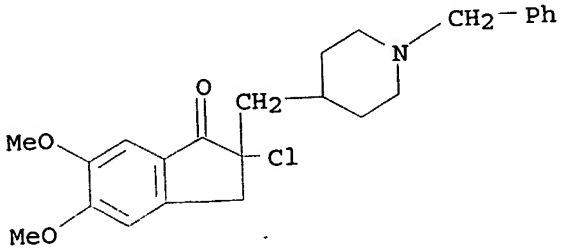
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001016105	A1	20010308	WO 2000-JP5968	20000901
	W: CA, CN, KR, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 2001139547	A	20010522	JP 2000-262103	20000831
	CA 2382117	A1	20010308	CA 2000-2382117	20000901
	EP 1209151	A1	20020529	EP 2000-956885	20000901
	EP 1209151	B1	20070425		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	AT 360612	T	20070515	AT 2000-956885	20000901
	ES 2284519	T3	20071116	ES 2000-956885	20000901
	US 7091218	B1	20060815	US 2002-69073	20020221
PRAI	JP 1999-247115	A	19990901		
	WO 2000-JP5968	W	20000901		

OS MARPAT 134:207723
IT 329010-62-0P 329010-63-1P 329010-64-2P
329010-65-3P 329010-68-6P 329010-69-7P
329010-71-1P 329010-72-2P 329010-73-3P
329010-74-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidine derivs. as acetylcholinesterase-inhibiting remedies for senile dementia)
RN 329010-62-0 CAPLUS
CN 1H-Inden-1-one, 2-chloro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

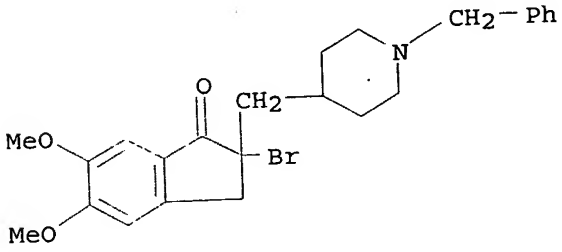


● HCl

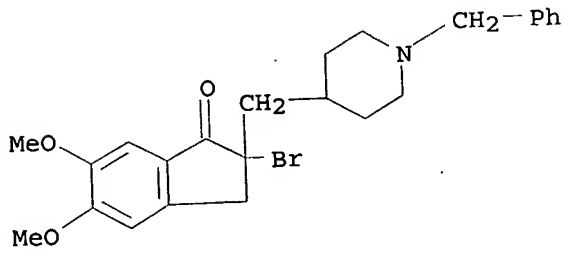
RN 329010-63-1 CAPLUS
CN 1H-Inden-1-one, 2-chloro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 329010-64-2 CAPLUS
CN 1H-Inden-1-one, 2-bromo-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



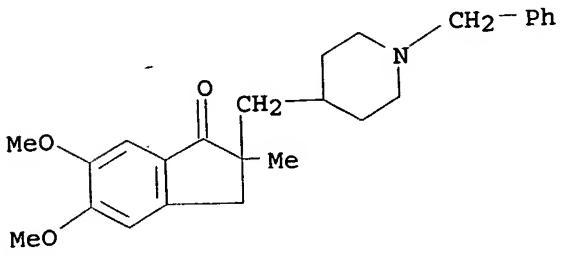
RN 329010-65-3 CAPLUS
CN 1H-Inden-1-one, 2-bromo-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



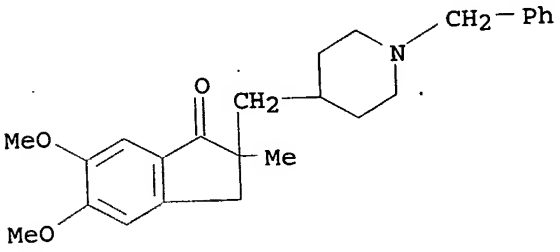
● HCl

RN 329010-68-6 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-methyl-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

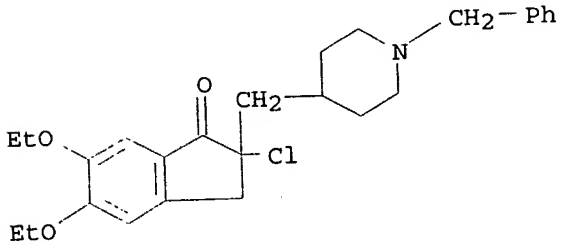


RN 329010-69-7 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-methyl-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



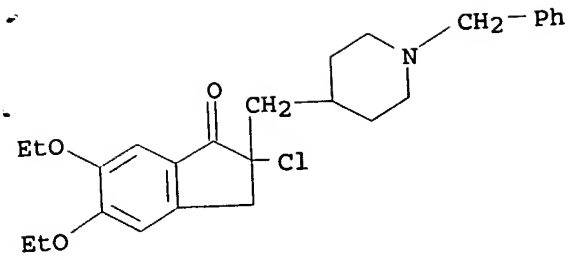
● HCl

RN 329010-71-1 CAPLUS
CN 1H-Inden-1-one, 2-chloro-5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

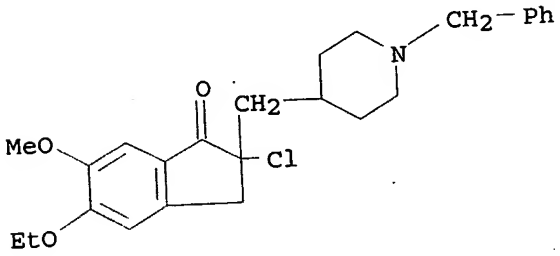


● HCl

RN 329010-72-2 CAPLUS
CN 1H-Inden-1-one, 2-chloro-5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

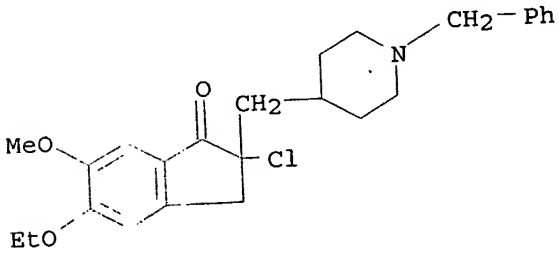


RN 329010-73-3 CAPLUS
CN 1H-Inden-1-one, 2-chloro-5-ethoxy-2,3-dihydro-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



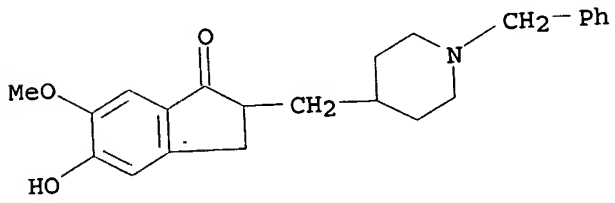
● HCl

RN 329010-74-4 CAPLUS
CN 1H-Inden-1-one, 2-chloro-5-ethoxy-2,3-dihydro-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



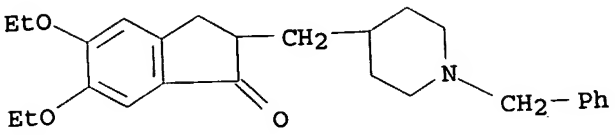
IT 120013-57-2 120014-09-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of piperidine derivs. as acetylcholinesterase-inhibiting remedies for senile dementia)

RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



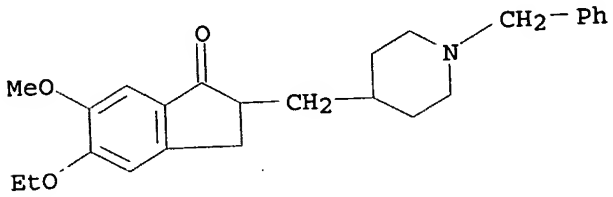
RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-

piperidinyl]methyl]- (CA INDEX NAME)



IT 329010-88-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperidine derivs. as acetylcholinesterase-inhibiting remedies for senile dementia)

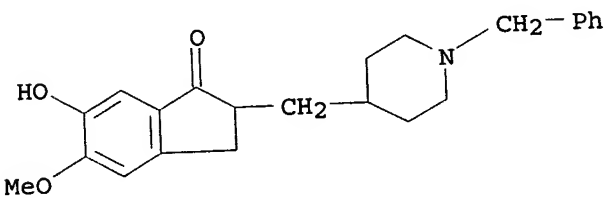
RN 329010-88-0 CAPLUS
CN 1H-Inden-1-one, 5-ethoxy-2,3-dihydro-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 37 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:24164 CAPLUS
DN 135:133962
TI Pharmacological evaluation of [11C]donepezil as tracer for visualization of acetylcholinesterase by PET
AU De Vos, F.; Santens, P.; Vermeirsch, H.; Dewolf, I.; Dumont, F.; Slegers, G.; Dierckx, R. A.; De Reuck, J.
CS Department of Radiopharmacy, University Hospital of Gent, Ghent, Belg.
SO Nuclear Medicine and Biology (2000), 27(8), 745-747
CODEN: NMBIEO; ISSN: 0969-8051
PB Elsevier Science Inc.
DT Journal
LA English
IT 120013-56-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(acetylcholinesterase inhibition and brain uptake of [11C]donepezil)

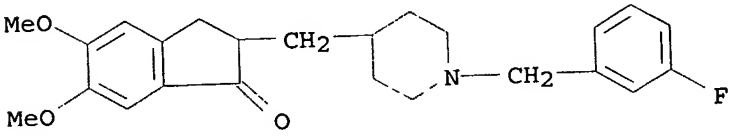
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 38 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2001:24163 CAPLUS
DN 135:133961
TI Synthesis and biological evaluation of 1-(4-[18f]fluorobenzyl)-4-[(5,6-dimethoxy-1-oxoindan-2-yl)methyl]piperidine for in vivo studies of acetylcholinesterase
AU Leea, S.-Y.; Choe, Y. S.; Sugimoto, H.; Kim, S. E.; Hwang, S. H.; Lee, K.-H.; Choi, Y.; Lee, J.; Kim, B.-T.
CS Department of Nuclear Medicine, Samsung Medical Center, Center for Clinical Research, Sungkyunkwan University School of Medicine, Samsung Biomedical Research Institute, Seoul, S. Korea
SO Nuclear Medicine and Biology (2000), 27(8), 741-744
CODEN: NMBIEO; ISSN: 0969-8051
PB Elsevier Science Inc.
DT Journal
LA English
IT 120014-13-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(radiolabeling, biodistribution and anti-acetylcholinesterase activity of donepezil analogs)
RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

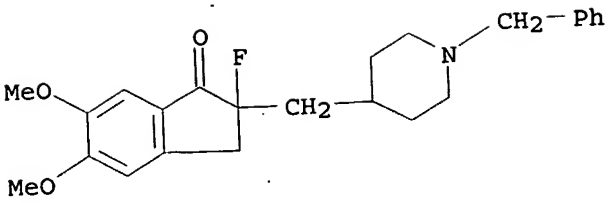


RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 39 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:817496 CAPLUS
DN 133:362708
TI Preparation of 5,6-dimethoxy-2-fluoro-1-indanone derivative as acetylcholine esterase inhibitor and its therapeutic use
IN Takeuchi, Yoshio; Shibata, Tetsuo; Suzuki, Emiko; Iimura, Yoichi; Ozasa, Takashi; Yamanishi, Yoshiharu; Sugimoto, Hachiro
PA Eisai Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

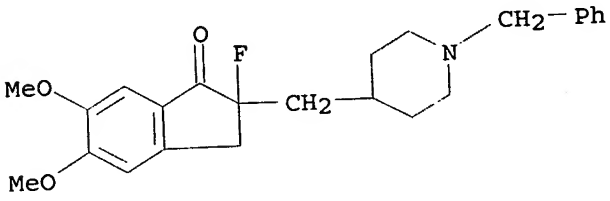
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000319257	A	20001121	JP 2000-41005	20000218
	US 6277866	B1	20010821	US 1999-427635	19991027
PRAI	JP 1999-55754	A	19990303		

IT 307307-69-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 5,6-dimethoxy-2-fluoro-1-indanone derivative as acetylcholine
esterase inhibitor for treatment of mental disorders)
RN 307307-69-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



IT 307307-70-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5,6-dimethoxy-2-fluoro-1-indanone derivative as acetylcholine
esterase inhibitor for treatment of mental disorders)

RN 307307-70-6 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



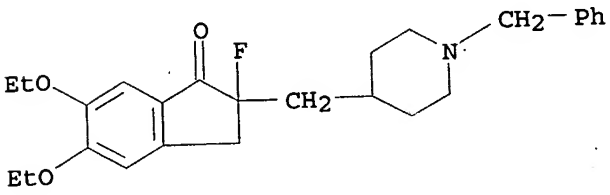
● HCl

L21 ANSWER 40 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:628120 CAPLUS
DN 133:207817
TI Preparation of fluorides of 4-substituted piperidine derivatives as acetylcholinesterase inhibitors
IN Iimura, Yoichi; Kosasa, Takashi; Yamanishi, Yoshiharu; Sugimoto, Hachiro; Takeuchi, Yoshio; Shibata, Tetsuo; Suzuki, Eimiko
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000051985	A1	20000908	WO 2000-JP1232	20000302
	W: AU, BR, CA, CN, HU, KR, MX, NO, NZ, RU, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 2000319258	A	20001121	JP 2000-57016	20000302
	EP 1157989	A1	20011128	EP 2000-906631	20000302
	EP 1157989	B1	20040922		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 277011	T	20041015	AT 2000-906631	20000302
	US 6677330	B1	20040113	US 2001-914581	20010830
PRAI	JP 1999-55755	A	19990303		
	WO 2000-JP1232	W	20000302		

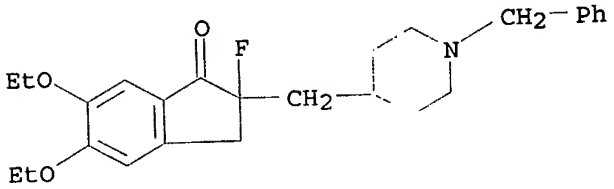
OS MARPAT 133:207817
IT 290308-78-0P 290308-79-1P 290308-82-6P
290308-83-7P 290308-84-8P 290308-85-9P
290308-86-0P 290308-87-1P 290308-97-3P
290308-98-4P 290309-07-8P 290309-08-9P
290309-09-0P 290309-10-3P 290309-11-4P
290309-12-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of fluorides of 4-substituted piperidine derivs. as acetylcholinesterase inhibitors for therapeutics)

RN 290308-78-0 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

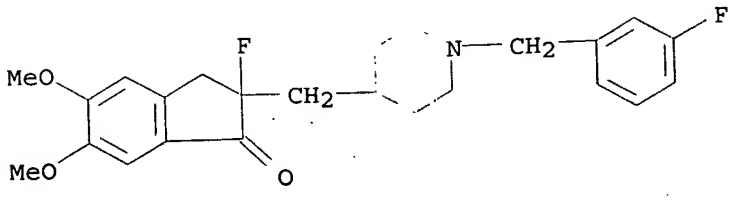


● HCl

RN 290308-79-1 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

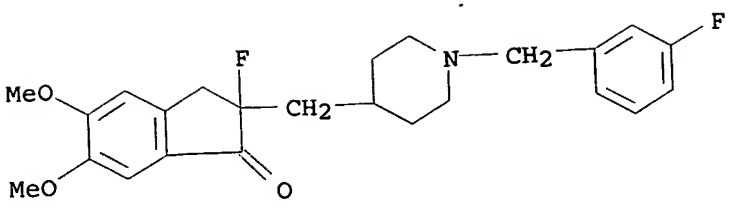


RN 290308-82-6 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (1:1) (CA INDEX NAME)

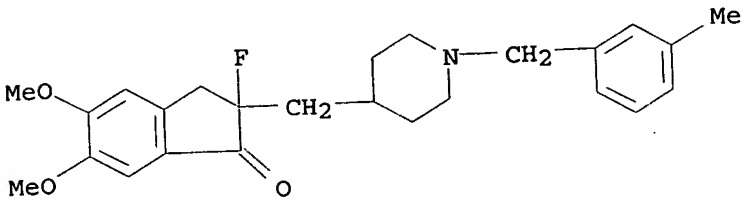


● HCl

RN 290308-83-7 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

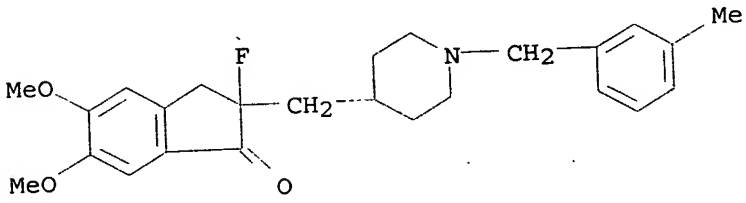


RN 290308-84-8 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

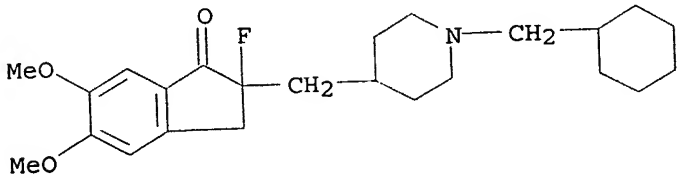


● HCl

RN 290308-85-9 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]- (CA INDEX NAME)

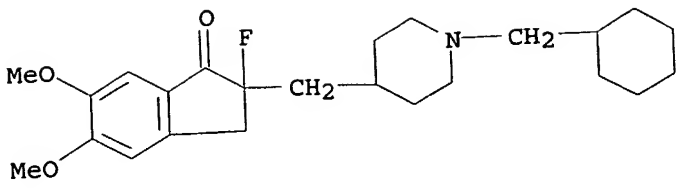


RN 290308-86-0 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2-fluoro-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

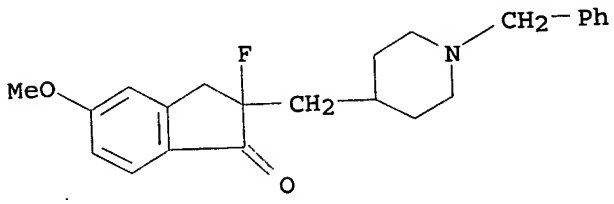


● HCl

RN 290308-87-1 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2-fluoro-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

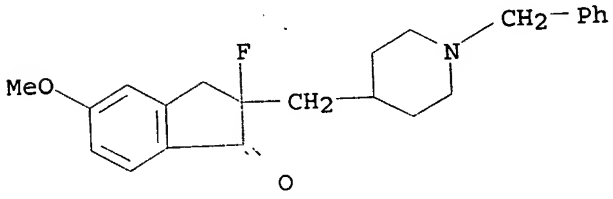


RN 290308-97-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

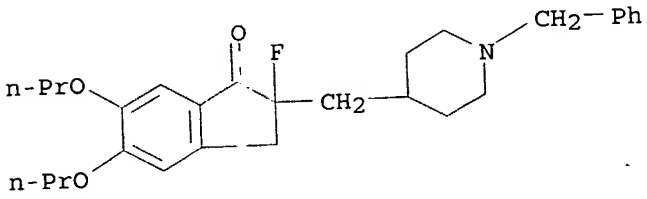


● HCl

RN 290308-98-4 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

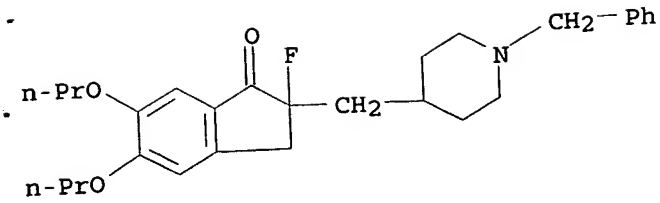


RN 290309-07-8 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-5,6-dipropoxy-, hydrochloride (9CI) (CA INDEX NAME)

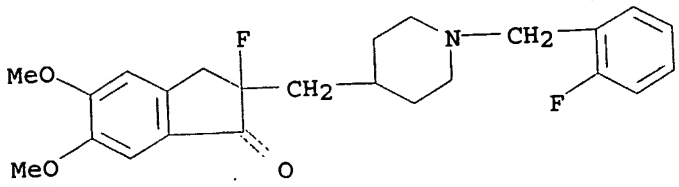


● HCl

RN 290309-08-9 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-5,6-dipropoxy- (CA INDEX NAME)

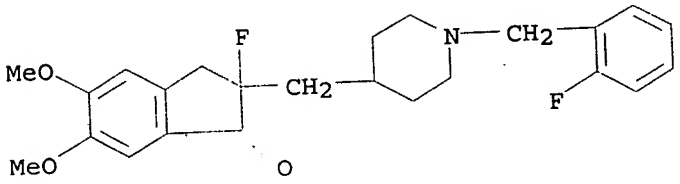


RN 290309-09-0 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(2-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

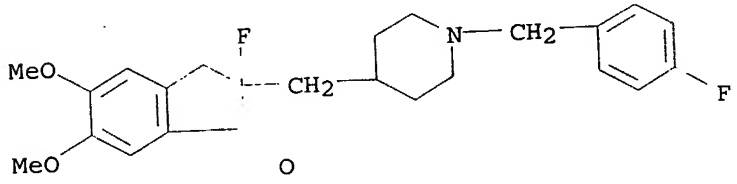


● HCl

RN 290309-10-3 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(2-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)

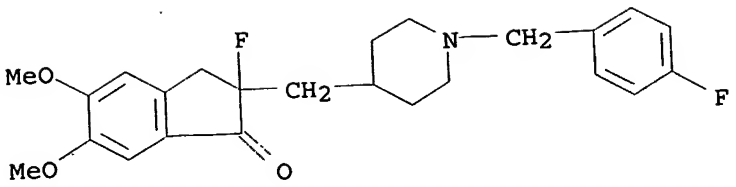


RN 290309-11-4 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(4-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)



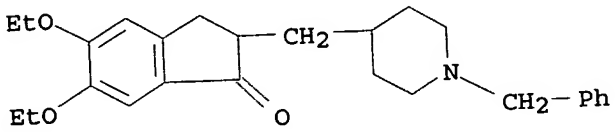
● HCl

RN 290309-12-5 CAPLUS
CN 1H-Inden-1-one, 2-fluoro-2-[[1-[(4-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



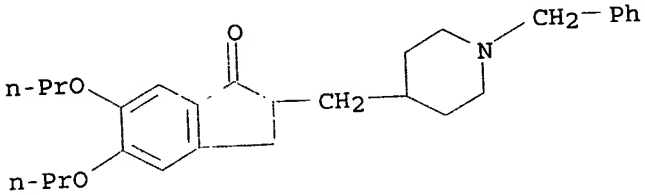
IT 120014-09-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of fluorides of 4-substituted piperidine derivs. as acetylcholinesterase inhibitors for therapeutics)

RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



IT 290308-74-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of fluorides of 4-substituted piperidine derivs. as acetylcholinesterase inhibitors for therapeutics)

RN 290308-74-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-5,6-dipropoxy- (CA INDEX NAME)

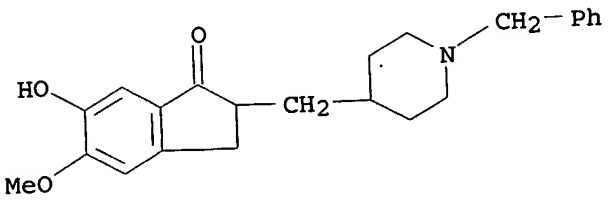


RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

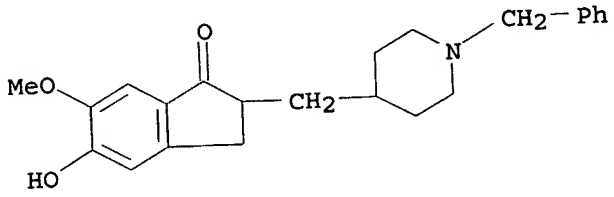
L21 ANSWER 41 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:590402 CAPLUS
DN 133:344160
TI Identification of cytochrome p450 involved in the metabolism of donepezil and in vitro drug interaction study in human liver microsomes
AU Matsui, Kenji; Taniguchi, Sachie; Yoshimura, Tsutomu
CS Tsukuba Research Laboratories, Eisai Co., Ltd, Ibaraki, Japan
SO Yakubutsu Dotai (2000), 15(2), 101-111
CODEN: YADOEL; ISSN: 0916-1139
PB Nippon Yakubutsu Dotai Gakkai
DT Journal
LA Japanese
IT 120013-56-1 120013-57-2
RL: BPR (Biological process); BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
(identification of cytochrome P 450 involved in the metabolism of donepezil and in vitro drug interaction study in human liver microsomes)

RN 120013-56-1 CAPLUS

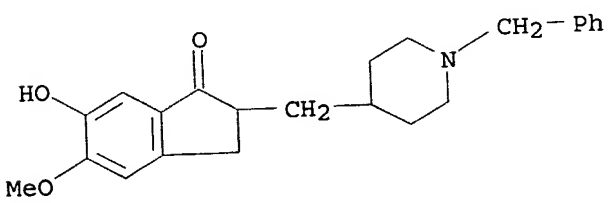
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 42 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:365150 CAPLUS
DN 133:135080
TI Synthesis of 1-benzyl-4-[(5,[11C]6-dimethoxy-1-oxoindan-2-yl)methyl]piperidine: a promising ligand for visualization of acetylcholine esterase by PET
AU De Vos, F.; Santens, P.; Slegers, G.; Vermeirsch, H.; Dierckx, R. A.; De Reuck, J.
CS Department of Radiopharmacy, University of Gent, Ghent, B-9000, Belg.
SO Journal of Labelled Compounds & Radiopharmaceuticals (2000), 43(6), 595-601
CODEN: JLCRD4; ISSN: 0362-4803
PB John Wiley & Sons Ltd.
DT Journal
LA English
IT 120013-56-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of carbon-11 labeled donepezil)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 43 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:778683 CAPLUS
DN 132:87724
TI Absorption, distribution, metabolism, and excretion of donepezil (aricept)

after a single oral administration to rat

AU Matsui, Kenji; Mishima, Mannen; Nagai, Yasushi; Yuzuriha, Teruaki; Yoshimura, Tsutomu

CS Drug Dynamics Research Section, Drug Safety and Disposition Research Laboratories, Eisai Co., Ltd., Ibaraki, 300-2635, Japan

SO Drug Metabolism and Disposition (1999), 27(12), 1406-1414
CODEN: DMDSAI; ISSN: 0090-9556

PB American Society for Pharmacology and Experimental Therapeutics

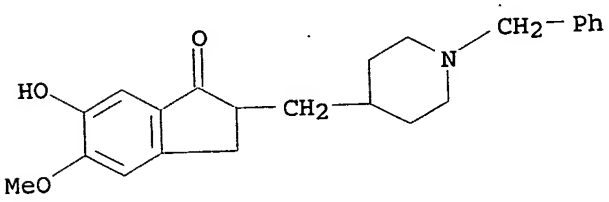
DT Journal

LA English

IT 120013-56-1 120013-57-2
RL: BPR (Biological process); BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
(absorption, distribution, metabolism, and excretion of donepezil after a single oral administration to rat)

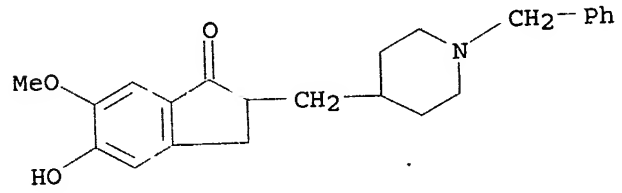
RN 120013-56-1 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 44 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1999:769508 CAPLUS

DN 132:87716

TI Correlation of the intrinsic clearance of donepezil (Aricept) between in vivo and in vitro studies in rat, dog and human

AU Matsui, K.; Taniguchi, S.; Yoshimura, T.

CS Drug Dynamics Research Section, Drug Safety & Disposition Research Laboratories, Eisai Co. Ltd, Tsukuba, 300-2635, Japan

SO Xenobiotica (1999), 29(11), 1059-1072
CODEN: XENOBH; ISSN: 0049-8254

PB Taylor & Francis Ltd.

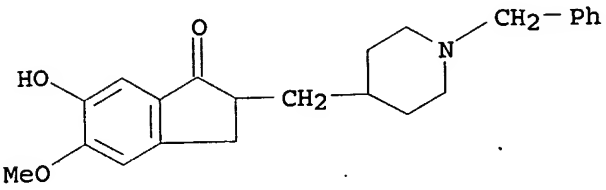
DT Journal

LA English

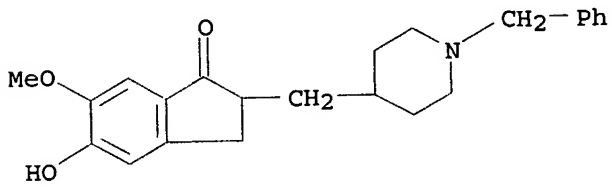
IT 120013-56-1 120013-57-2
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(clearance and metabolic pathway of donepezil in vivo and in vitro in rat, dog and human)

RN 120013-56-1 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

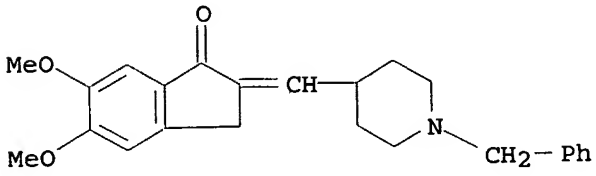


RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

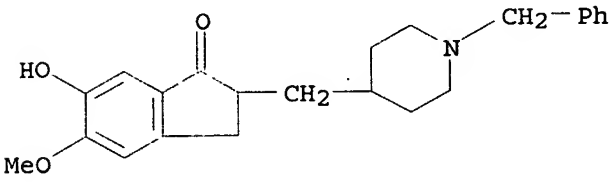
L21 ANSWER 45 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1999:407084 CAPLUS
DN 131:73566
TI Preparation of 1-benzyl-4-[(1-indanon)-2-ylidenyl]methylpiperidines as intermediates for donepezil as an anti-Alzheimer's agent
IN Endo, Takashi; Imai, Akio; Nishimura, Hiroshi; Kanai, Takeo
PA Eisai Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11171861	A	19990629	JP 1997-342586	19971212
	JP 3992806	B2	20071017		
PRAI	JP 1997-342586		19971212		

OS CASREACT 131:73566; MARPAT 131:73566
IT 120014-07-5P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzyl(indanonylidenyl)methylpiperidines by condensation of indanones with benzylformylpiperidine in presence of alkali metal alkoxides)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



L21 ANSWER 46 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:748431 CAPLUS
DN 130:148194
TI Absorption, distribution, metabolism and excretion of 14C-donepezil hydrochloride after a single oral administration to beagle dogs
AU Matsui, Kenji; Mizuo, Hitoshi; Mishima, Mannen; Tadano, Kyoichi; Yoshimura, Tsutomu; Yuzuriha, Teruaki; Sato, Tadashi
CS Tsukuba Research laboratories, Eisai Co., Ltd., Ibaraki-ken, Japan
SO Yakuri to Chiryo (1998), 26(Suppl. 6), S1357-S1371
CODEN: YACHDS; ISSN: 0386-3603
PB Raifu Saiensu Shuppan K.K.
DT Journal
LA Japanese
IT 120013-56-1
RL: BPR (Biological process); BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process)
(absorption, distribution, metabolism and excretion of 14C-donepezil hydrochloride after a single oral administration to beagle dogs)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 47 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:618813 CAPLUS
DN 129:239898
TI Use of cholinesterase inhibitors to treat disorders of attention and to improve attention
IN Rogers, Sharon L.; Friedhoff, Lawrence T.; Tiseo, Paul J.
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9839000	A1	19980911	WO 1998-IB508	19980303
	W: AU, CA, CN, IL, JP, KR, MX, NO, NZ, SG, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2282654	A1	19980911	CA 1998-2282654	19980303
	AU 9873215	A	19980922	AU 1998-73215	19980303
	AU 743609	B2	20020131		
	EP 971713	A1	20000119	EP 1998-905121	19980303
	EP 971713	B1	20030528		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2001515480	T	20010918	JP 1998-538315	19980303
	NZ 337515	A	20020726	NZ 1998-337515	19980303
	US 6455544	B1	20020924	US 1998-33880	19980303
	AT 241358	T	20030615	AT 1998-905121	19980303
	PT 971713	T	20030930	PT 1998-905121	19980303

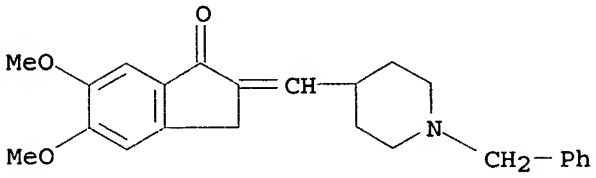
	ES 2200313	T3	20040301	ES 1998-905121	19980303
	US 2003055040	A1	20030320	US 2002-253731	20020924
	US 7105540	B2	20060912		
PRAI	US 1997-39832P	P	19970303		
	US 1998-33880	A1	19980303		
	WO 1998-IB508	W	19980303		

OS MARPAT 129:239898

IT 120014-07-5 120014-08-6 120014-09-7
120014-12-2 120014-13-3
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cholinesterase inhibitors for treatment of disorders of attention and for improvement of attention)

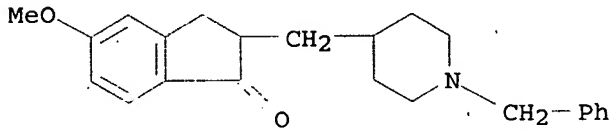
RN 120014-07-5 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



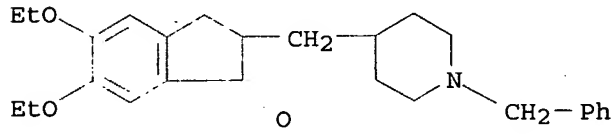
RN 120014-08-6 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



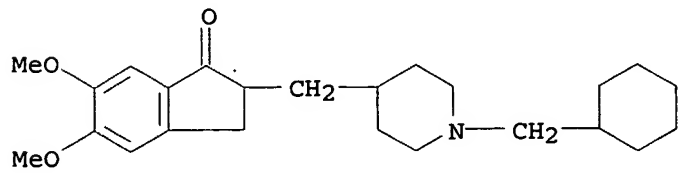
RN 120014-09-7 CAPLUS

CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

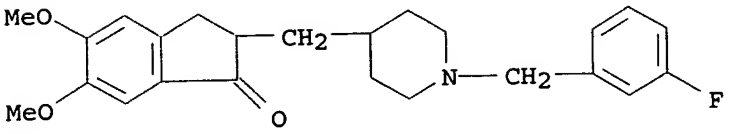


RN 120014-12-2 CAPLUS

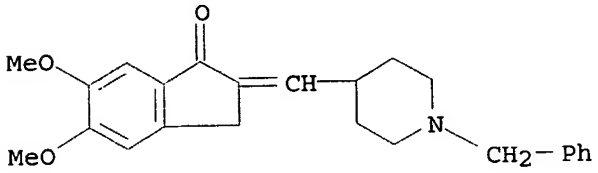
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



IT 120011-69-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and reaction; cholinesterase inhibitors for treatment of disorders of attention and for improvement of attention)
RN 120011-69-0 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 48 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:583021 CAPLUS
DN 129:198014
TI Combined preparation for treatment of dementia
IN Schubert, Hans-Peter; Nimmesgern, Hildegard; Rudolphi, Karl
PA Hoechst A.-G., Germany
SO Ger. Offen., 10 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19707655	A1	19980827	DE 1997-19707655	19970226
	EP 867192	A2	19980930	EP 1998-102620	19980216
	EP 867192	A3	20001206		
	EP 867192	B1	20050518		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AT 295738	T	20050615	AT 1998-102620	19980216
	ES 2242243	T3	20051101	ES 1998-102620	19980216
	IN 1998MA00343	A	20050304	IN 1998-MA343	19980220
	EE 3387	B1	20010416	EE 1998-75	19980223
	CA 2230350	A1	19980826	CA 1998-2230350	19980224
	CA 2230350	C	20070724		
	AU 9856273	A	19980903	AU 1998-56273	19980224
	AU 749278	B2	20020620		

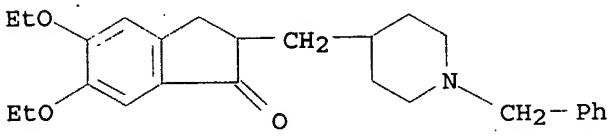
	NZ 329839	A	20000526	NZ 1998-329839	19980224
	RU 2194508	C2	20021220	RU 1998-103712	19980224
	TW 590772	B	20040611	TW 1998-87102577	19980224
	SK 284925	B6	20060202	SK 1998-240	19980224
	CZ 298367	B6	20070912	CZ 1998-540	19980224
	ZA 9801561	A	19980826	ZA 1998-1561	19980225
	NO 9800786	A	19980827	NO 1998-786	19980225
	JP 10236979	A	19980908	JP 1998-43058	19980225
	CN 1192904	A	19980916	CN 1998-105328	19980225
	HU 9800396	A2	19990728	HU 1998-396	19980225
	BR 9800766	A	19991207	BR 1998-766	19980225
	US 6037347	A	20000314	US 1998-30207	19980225
	IL 123453	A	20040620	IL 1998-123453	19980225
	HR 980097	B1	20060930	HR 1998-97	19980225
	PL 191576	B1	20060630	PL 1998-325074	19980226
PRAI	DE 1997-19707655	A	19970226		

OS MARPAT 129:198014

IT 120014-09-7
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combined preparation for treatment of dementia)

RN 120014-09-7 CAPLUS

CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 49 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1997:678673 CAPLUS

DN 127:293137

TI Preparation of aralkyl piperidines as acetylcholine esterase inhibitors

IN Iimura, Yoichi; Naito, Toshihiko; Senaga, Masahiro; Yamanishi, Yoshiharu

PA Eisai Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

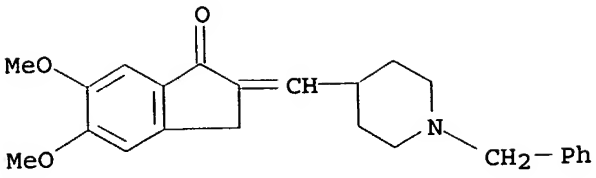
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09268176	A	19971014	JP 1996-78497	19960401
PRAI	JP 1996-78497		19960401		

OS MARPAT 127:293137

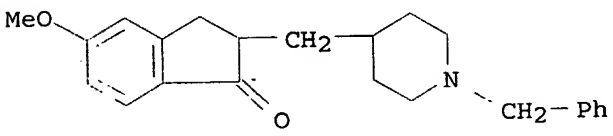
IT 120014-07-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of aralkyl piperidines as acetylcholine esterase inhibitors)

RN 120014-07-5 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)

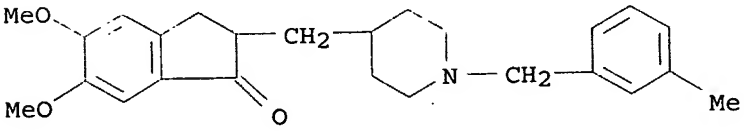


L21 ANSWER 50 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:905944 CAPLUS
DN 124:86772
TI Synthesis and Structure-Activity Relationships of Acetylcholinesterase Inhibitors: 1-Benzyl-4-[(5,6-dimethoxy-1-oxoindan-2-yl)methyl]piperidine Hydrochloride and Related Compounds
AU Sugimoto, Hachiro; Iimura, Youichi; Yamanishi, Yoshiharu; Yamatsu, Kiyomi
CS Tsukuba Research Laboratories, Eisai Company Ltd., Tsukuba, 300-26, Japan
SO Journal of Medicinal Chemistry (1995), 38(24), 4821-9
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT 120011-95-2P 120013-86-7P 120013-98-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and structure-activity relationship of acetylcholinesterase inhibitors)
RN 120011-95-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



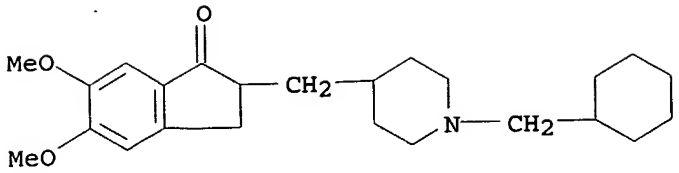
● HCl

RN 120013-86-7 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



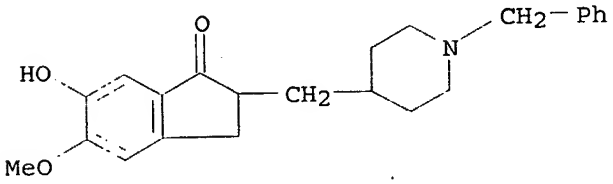
● HCl

RN 120013-98-1 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

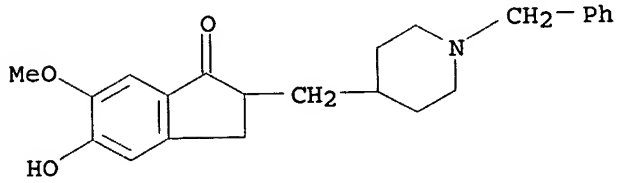


● HCl

L21 ANSWER 51 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:448929 CAPLUS
DN 122:305730
TI Direct determination of E2020 enantiomers in plasma by liquid chromatography-mass spectrometry and column-switching techniques
AU Matsui, Kenji; Oda, Yoshiya; Ohe, Hiroshi; Tanaka, Shigeru; Asakawa, Naoki
CS Department of Drug Metabolism and Pharmacokinetics, Tsukuba Research Laboratories, Eisai Co., Ltd., 1-3 Tokodai 5-chome, Tsukuba-shi, Ibaraki, 300-26, Japan
SO Journal of Chromatography, A (1995), 694(1), 209-18
CODEN: JCRAEY; ISSN: 0021-9673
PB Elsevier
DT Journal
LA English
IT 120013-56-1 120013-57-2
RL: ANT (Analyte); BSU (Biological study, unclassified); MFM (Metabolic formation); ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative)
(E2020 enantiomers determination in plasma by HPLC-mass spectrometry and column-switching techniques)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

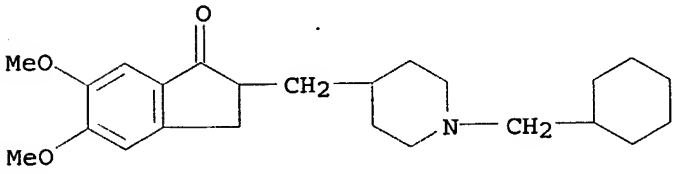


RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

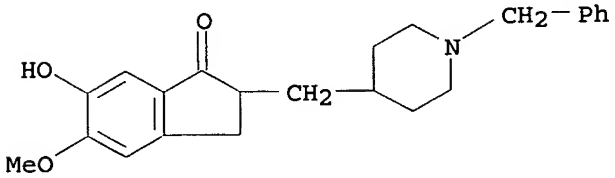


L21 ANSWER 52 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1995:307401 CAPLUS
DN 122:208557

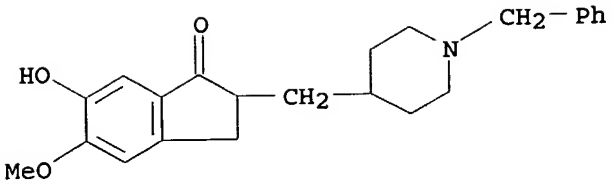
TI Prediction of the binding site of 1-benzyl-4-[(5,6-dimethoxy-1-indanon-2-yl)methyl]piperidine in acetylcholinesterase by docking studies with the SYSDOC program
AU Pang, Yuan-Ping; Kozikowski, Alan P.
CS Neurochemistry Research, Mayo Foundation Medical Education Research, Jacksonville, FL, 32224, USA
SO Journal of Computer-Aided Molecular Design (1994), 8(6), 683-93
CODEN: JCADEQ; ISSN: 0920-654X
PB ESCOM
DT Journal
LA English
IT 120014-12-2
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(structure-activity relationship of E2020 analogs as inhibitors of acetylcholinesterase)
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



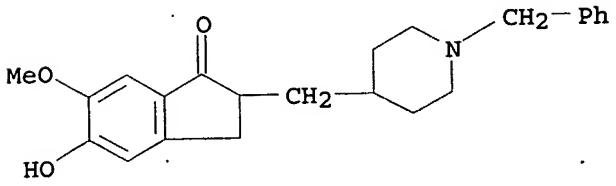
L21 ANSWER 53 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1993:573528 CAPLUS
DN 119:173528
TI Pharmacokinetics of E2020, a new compound for Alzheimer's disease, in healthy male volunteers
AU Mihara, M.; Ohnishi, A.; Tomono, Y.; Hasegawa, J.; Shimamura, Y.; Yamazaki, K.; Morishita, N.
CS Res. Dev. Div., Eisai Co., Ltd., Tokyo, 112-88, Japan
SO International Journal of Clinical Pharmacology, Therapy and Toxicology (1993), 31(5), 223-9
CODEN: IJCPB5; ISSN: 0300-9718
DT Journal
LA English
IT 120013-56-1 120013-56-1D, glucuronides
120013-57-2 120013-57-2D, glucuronides
RL: BIOL (Biological study)
(as E 2020 metabolite, in feces and urine of human)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



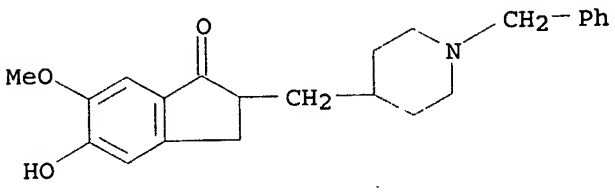
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



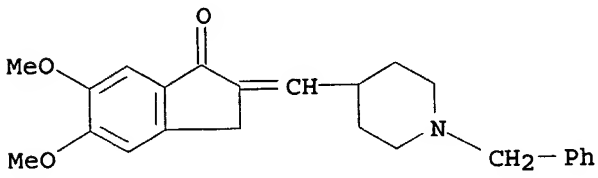
RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



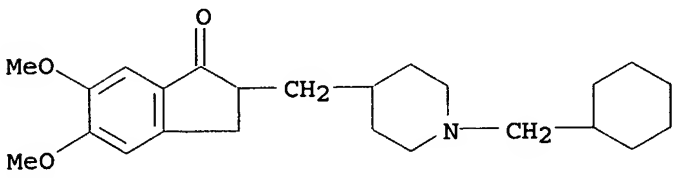
RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



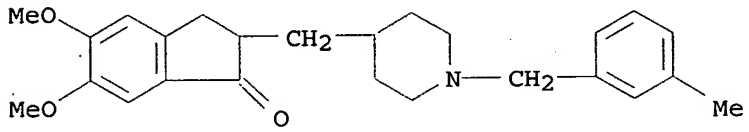
L21 ANSWER 54 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1993:560046 CAPLUS
DN 119:160046
TI Synthesis and anti-acetylcholinesterase activity of 1-benzyl-4-[(5,6-dimethoxy-1-indanon-2-yl)methyl]piperidine hydrochloride (E2020) and related compounds
AU Sugimoto, Hachiro; Iimura, Youichi; Yamanishi, Yoshiharu; Yamatsu, Kiyomi
CS Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, 300-26, Japan
SO Bioorganic & Medicinal Chemistry Letters (1992), 2(8), 871-6
CODEN: BMCLE8; ISSN: 0960-894X
DT Journal
LA English
OS CASREACT 119:160046
IT 120014-07-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrogenation of)
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



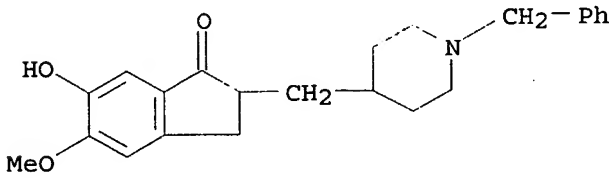
IT 120014-12-2P 149874-81-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and acetylcholinesterase inhibiting activity of)
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



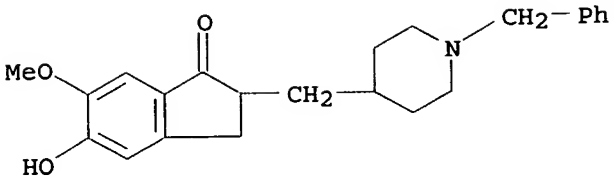
RN 149874-81-7 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 55 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1993:224770 CAPLUS
DN 118:224770
TI Resolution of 1-benzyl-4-[(5,6-dimethoxy-1-indanon)-2-yl] methylpiperidine hydrochloride enantiomers in plasma by high-performance liquid chromatography with direct injection into avidin-conjugated column
AU Oda, Yoshiya; Ohe, Hiroshi; Asakawa, Naoki; Yoshida, Yutaka; Sato, Tadashi; Nakagawa, Terumichi
CS Dep. Phys. Anal. Chem., Eisai Co., Ltd., Tsukuba, 300-26, Japan
SO Journal of Liquid Chromatography (1992), 15(17), 2997-3012
CODEN: JLCHD8; ISSN: 0148-3919
DT Journal
LA English
IT 120013-56-1 120013-57-2
RL: ANT (Analyte); ANST (Analytical study)
(determination of, as E2020 metabolite, in human blood plasma by HPLC)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



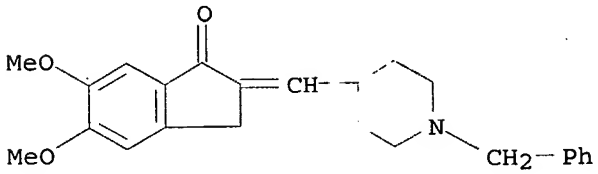
RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



L21 ANSWER 56 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1992:591509 CAPLUS
DN 117:191509
TI Preparation of optically active indanone derivative (salts) as acetylcholinesterase inhibitors and dementia-treating agents
IN Iimura, Yoichi; Kajima, Takashi; Araki, Shin; Sugimoto, Hachiro
PA Eisai Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

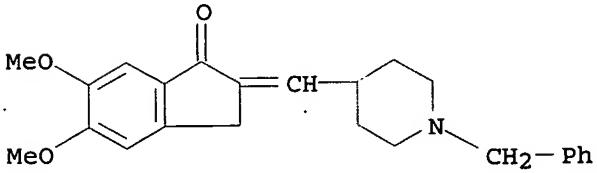
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04021670	A	19920124	JP 1990-124515	19900515
	JP 3075566	B2	20000814		
PRAI	JP 1990-124515		19900515		

IT 120011-69-0P 120014-07-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of)
RN 120011-69-0 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



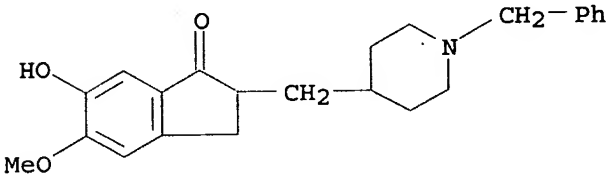
● HCl

RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)

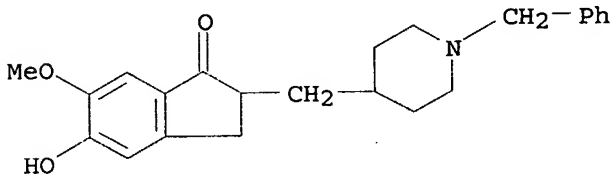


L21 ANSWER 57 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1992:482779 CAPLUS

DN 117:82779
TI Determination of enantiomers of 1-benzyl-4-[(5,6-dimethoxy-1-indanon)-2-yl]methylpiperidine hydrochloride (E2020), a centrally acting acetylcholine esterase inhibitor, in plasma by liquid chromatography with fluorometric detection
AU Haginaka, Jun; Seyama, Chikako
CS Fac. Pharm. Sci., Mukogawa Women's Univ., Nishinomiya, 663, Japan
SO Journal of Chromatography (1992), 577(1), 95-102
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English
IT 120013-56-1 120013-57-2
RL: ANST (Analytical study)
(E2020 metabolite, determination of, in blood by HPLC)
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



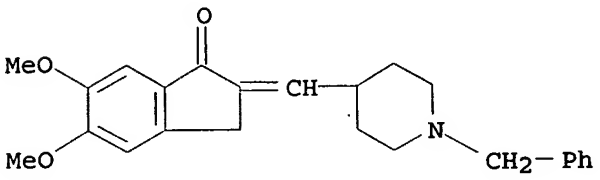
L21 ANSWER 58 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1991:6302 CAPLUS
DN 114:6302
TI Preparation of piperidine derivatives as cholinergics
IN Sugimoto, Hachiro; Tsuchiya, Yutaka; Higure, Kunizo; Karibe, Norio; Iimura, Yoichi; Sasaki, Atsushi; Yamanishi, Yoshiharu; Ogura, Hiroo; Araki, Shin; Et, Al.
PA Eisai Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 54 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02169569	A	19900629	JP 1988-324620	19881222
	JP 2777159	B2	19980716		
PRAI	JP 1988-324620		19881222		

OS MARPAT 114:6302
IT 120011-69-0P 120011-95-2P 120013-56-1P
120013-57-2P 120013-58-3P 120013-86-7P
120013-98-1P 120028-76-4P
RL: SPN (Synthetic preparation); PREP (Preparation)

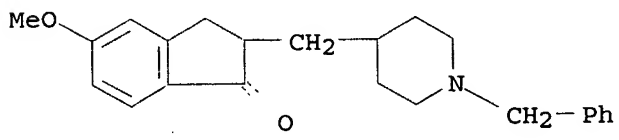
(preparation of, as cholinergic)

RN 120011-69-0 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



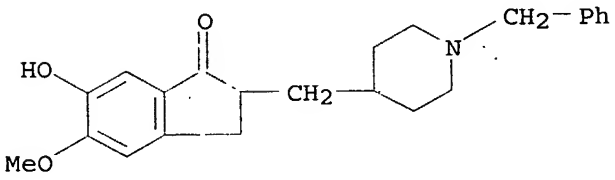
● HCl

RN 120011-95-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)

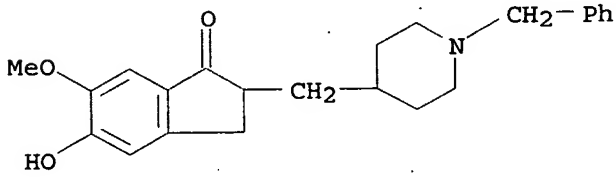


● HCl

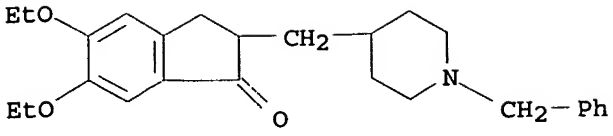
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

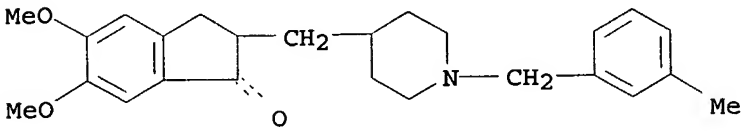


RN 120013-58-3 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



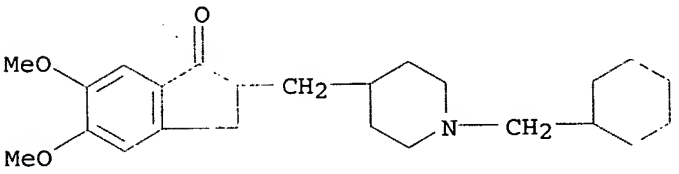
● HCl

RN 120013-86-7 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



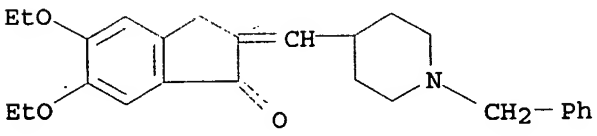
● HCl

RN 120013-98-1 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 120028-76-4 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L21 ANSWER 59 OF 59 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1989:173102 CAPLUS
DN 110:173102
TI Preparation of 1-benzyl-4-(substituted alkyl)piperidines and analogs as acetylcholinesterase inhibitors
IN Sugimoto, Hachiro; Tsuchiya, Yutaka; Higurashi, Kunizou; Karibe, Norio; Iimura, Yuoichi; Sasaki, Atsushi; Yamanashi, Yoshiharu; Ogura, Hiroo; Araki, Shin; et al.
PA Eisai Co., Ltd., Japan
SO Eur. Pat. Appl., 103 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 296560	A2	19881228	EP 1988-109924	19880622
	EP 296560	A3	19900502		
	EP 296560	B1	19960228		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	FI 8802716	A	19881223	FI 1988-2716	19880608
	FI 95572	B	19951115		
	FI 95572	C	19960226		
	NO 8802696	A	19881223	NO 1988-2696	19880617
	NO 177590	B	19950710		
	NO 177590	C	19951018		
	ZA 8804338	A	19890329	ZA 1988-4338	19880617
	US 4895841	A	19900123	US 1988-209339	19880620
	DK 8803379	A	19881223	DK 1988-3379	19880621
	DK 172337	B1	19980330		
	HU 50768	A2	19900328	HU 1988-3160	19880621
	HU 214592	B	19980428		
	DD 283377	A5	19901010	DD 1988-316988	19880621
	RU 2009128	C1	19940315	RU 1988-4356030	19880621
	CA 1338808	C	19961224	CA 1988-569944	19880621
	AU 8818216	A	19881222	AU 1988-18216	19880622
	AU 627151	B2	19920820		
	CN 1030752	A	19890201	CN 1988-103779	19880622
	CN 1024547	B	19940518		
	JP 01079151	A	19890324	JP 1988-153852	19880622
	JP 2578475	B2	19970205		
	EP 579263	A1	19940119	EP 1993-113146	19880622
	EP 579263	B1	19980916		
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	EP 673927	A1	19950927	EP 1995-104080	19880622
	EP 673927	B1	20010919		
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	AT 134618	T	19960315	AT 1988-109924	19880622
	ES 2083359	T3	19960416	ES 1988-109924	19880622
	EP 742207	A1	19961113	EP 1996-110252	19880622
	EP 742207	B1	20010829		
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	AT 171161	T	19981015	AT 1993-113146	19880622
	ES 2121039	T3	19981116	ES 1993-113146	19880622
	EP 1116716	A1	20010718	EP 2001-102878	19880622
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	AT 204862	T	20010915	AT 1996-110252	19880622
	AT 205828	T	20011015	AT 1995-104080	19880622
	ES 2160747	T3	20011116	ES 1996-110252	19880622
	ES 2164720	T3	20020301	ES 1995-104080	19880622
	US 5100901	A	19920331	US 1989-423349	19891018
	CN 1073939	A	19930707	CN 1992-112982	19921110
	CN 1034015	B	19970212		
	CN 1071417	A	19930428	CN 1992-112995	19921112
	CN 1038839	B	19980624		

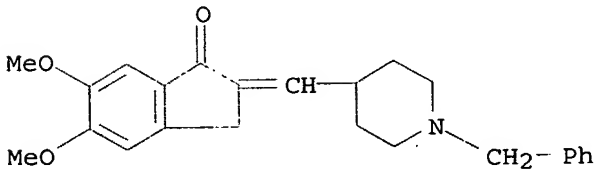
	JP 07252216	A	19951003	JP 1994-291169	19941125
	JP 2733203	B2	19980330		
	CA 1340192	C	19981215	CA 1995-616996	19950424
	FI 9502850	A	19950609	FI 1995-2850	19950609
	FI 102534	B	19981231		
	FI 102534	B1	19981231		
	FI 9602753	A	19960704	FI 1996-2753	19960704
	FI 103969	B	19991029		
	FI 103969	B1	19991029		
	DK 9601082	A	19961003	DK 1996-1082	19961003
	DK 175246	B1	20040719		
	DK 9601083	A	19961003	DK 1996-1083	19961003
	DK 175717	B1	20050131		
	JP 10067739	A	19980310	JP 1997-186306	19970711
	JP 3078244	B2	20000821		
	GR 3036553	T3	20011231	GR 2001-401406	20010906
PRAI	JP 1987-155058	A	19870622		
	FI 1988-2716	A	19880608		
	US 1988-209339	A3	19880620		
	CA 1988-569944	A3	19880621		
	CN 1988-103779	A	19880622		
	EP 1988-109924	A3	19880622		
	EP 1995-104080	A3	19880622		
	JP 1994-291169	A3	19880622		

OS MARPAT 110:173102

IT 120011-69-0P 120011-95-2P 120013-40-3P
120013-56-1P 120013-57-2P 120013-58-3P
120013-86-7P 120013-98-1P 120014-07-5P
120014-08-6P 120014-09-7P 120014-12-2P
120014-13-3P 120028-76-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as acetylcholinesterase inhibitor)

RN 120011-69-0 CAPLUS

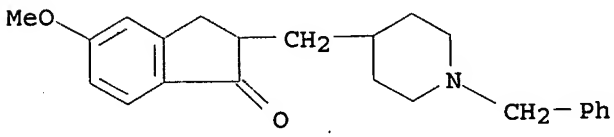
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

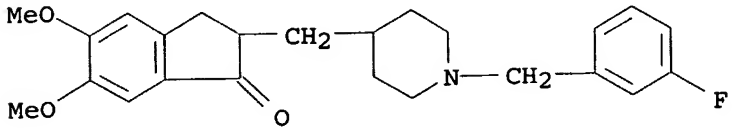
RN 120011-95-2 CAPLUS

CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



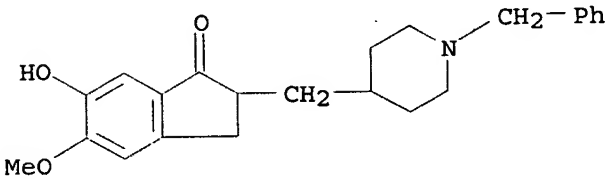
● HCl

RN 120013-40-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

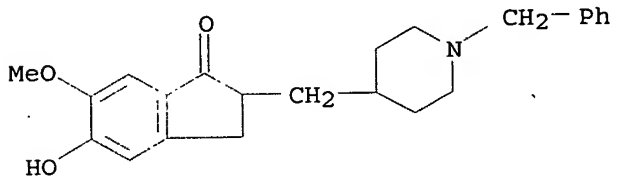


● HCl

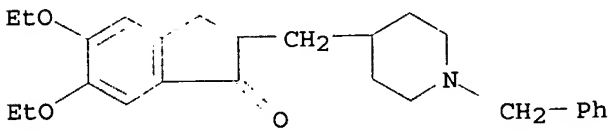
RN 120013-56-1 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-6-hydroxy-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



RN 120013-57-2 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-hydroxy-6-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)

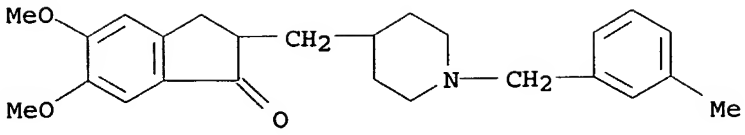


RN 120013-58-3 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



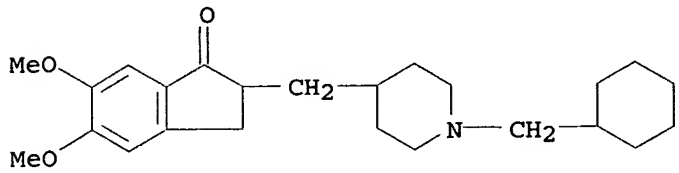
● HCl

RN 120013-86-7 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-[(3-methylphenyl)methyl]-4-piperidinyl]methyl]-, hydrochloride (9CI) (CA INDEX NAME)



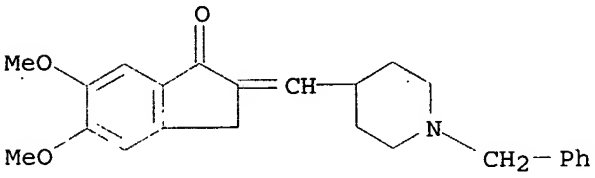
● HCl

RN 120013-98-1 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy-, hydrochloride (9CI) (CA INDEX NAME)

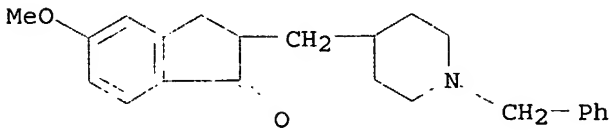


● HCl

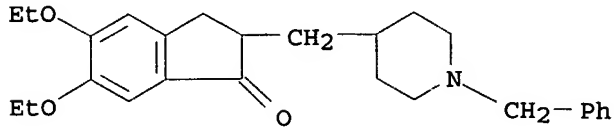
RN 120014-07-5 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5,6-dimethoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]- (CA INDEX NAME)



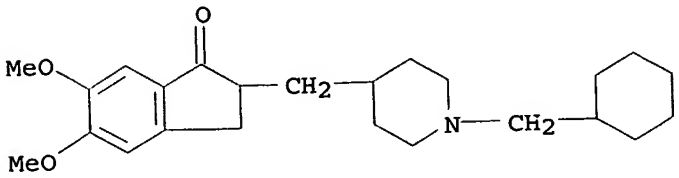
RN 120014-08-6 CAPLUS
CN 1H-Inden-1-one, 2,3-dihydro-5-methoxy-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



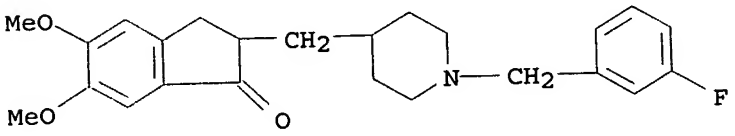
RN 120014-09-7 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methyl]- (CA INDEX NAME)



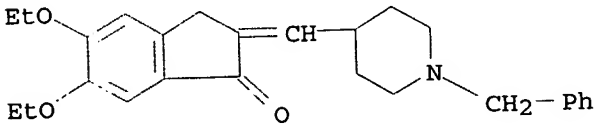
RN 120014-12-2 CAPLUS
CN 1H-Inden-1-one, 2-[[1-(cyclohexylmethyl)-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120014-13-3 CAPLUS
CN 1H-Inden-1-one, 2-[[1-[(3-fluorophenyl)methyl]-4-piperidinyl]methyl]-2,3-dihydro-5,6-dimethoxy- (CA INDEX NAME)



RN 120028-76-4 CAPLUS
CN 1H-Inden-1-one, 5,6-diethoxy-2,3-dihydro-2-[[1-(phenylmethyl)-4-piperidinyl]methylene]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl